

# Impact

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THANKING THOSE WHO MAKE A DIFFERENCE



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Team Eaton Vance has raised more than \$1 million in the Boston Marathon® Jimmy Fund Walk since 2000 through the dedication of its members, including (from left) Jeff Beale, Jeff Timbas, Meghan Timbas, and Joseph Cassiere.

## Boston Marathon® Jimmy Fund Walk presented by Hyundai raises record \$8.5 million



On Sunday, September 25, more than 9,400 walkers and 1,000 volunteers participated in the 28th annual Boston Marathon® Jimmy Fund Walk presented by Hyundai. Taking steps to Boston's Copley Square, these participants raised a record-breaking \$8.5 million for Dana-Farber, more than any other single-day walk in the country.

Walkers had a choice of four routes, from the full 26.2-mile route, which follows the world-renowned Boston Marathon® course, to the 13.1-mile route starting in Wellesley, the 10K route from Newton, and the 5K route from Dana-Farber's Yawkey Center for Cancer Care. Walkers were joined by Dana-Farber's new President and CEO Laurie H. Glimcher, MD, who spoke at the Dana-Farber start and at the Copley Square finish line.

Hyundai Motor America, the presenting sponsor for the 14th year, was joined by 47 generous sponsors who provided water, snacks, and support along the route.

### Conquering cancer in numbers

Teams greatly contribute to the success of the Boston Marathon Jimmy Fund Walk and add to the event's incredible sense of community. Patients, families, friends, and organizations made this year's success possible as they joined together, raised money, walked, and celebrated loved ones.

Sixteen years ago, a few members of Eaton Vance Management decided to give back to their community by starting a Boston Marathon Jimmy Fund Walk team. From just 16 members in 2000, the event is now a tradition, with more than 120 walkers participating on Team Eaton Vance in 2016.

This year marked a fundraising milestone for Team Eaton Vance—raising more than \$1 million for Dana-Farber since the team's inception.

"I enjoy walking with my colleagues, who all have their own reasons for walking," said Jeff Beale, longtime team member and vice

president and chief administrative officer of Eaton Vance Corp. "The event brings us all together to help end this disease. It is a special day each year for me, and a wonderful way to connect with people who have had a similar experience."

### Honoring the spirit of loved ones

In the summer of 2010, Michael and Julie Lynch's youngest son, Owen, was diagnosed with rhabdomyosarcoma, a rare malignant tumor with few treatment options. Tragically, Owen passed away less than five months after diagnosis. He was just 3 years old.

Wanting to bring awareness to this rare cancer and honor Owen's memory, members of the Lynch family decided to start a Boston Marathon Jimmy Fund Walk team—Team Owen's Army. Since starting the team in 2011, Owen's Army has grown to include more than 100 team



Dana-Farber Cancer Institute has been the top ranked cancer hospital in New England by U.S. News and World Report for 16 consecutive years, and is the only cancer center in the country ranked in the top 4 for both adult and pediatric cancer programs.



**5**  
Hope for High-risk Cancer



**8**  
Golfers Swing Big



**14**  
Propelling Precision Medicine

members, who have raised more than \$500,000 in the last six years.

"The Jimmy Fund Walk is the ideal venue to honor Owen and all affected by this relentless disease," said the Lynches. "We walk to raise funds to battle cancer and to be a part of such a wonderful and powerful group experience."

Thanks to teams like Eaton Vance and Owen's Army, Dana-Farber continues to make great strides to deliver the most innovative treatments for its patients. The dedication and generosity of Jimmy Fund Walk participants help Dana-Farber get closer to the ultimate finish line: a world without cancer. ■



Walking to honor the memory of a little boy lost to cancer, Team Owen's Army has raised more than \$500,000 in the past six years.

Courtesy of Game Face Media



Dear Friends,

Dana-Farber Cancer Institute has long been renowned as a hub of innovation. In just the past few months, Dana-Farber researchers made fresh discoveries furthering the field of cancer immunotherapy, achieved improved outcomes using novel combination therapies in breast cancer and melanoma, and tested a new first-line treatment for kidney cancer that may change the standard of care. Such advances hold out hope for our patients and their families—hope that you make possible with your generous support.

Our excellence in innovation has been recognized with a \$1.4 million grant from Stand Up To Cancer (SU2C) and the National Science Foundation (NSF) with additional support from the V Foundation to lead a first-of-its-kind collaborative research team. This grant is especially exciting because it invests in an entirely new approach that combines biology, genomics, translational research, and clinical testing to discover and develop novel combination therapies for metastatic solid tumors.

Much of our progress is fueled by our grassroots Jimmy Fund community, which turned out in force for recent events. The Boston Marathon® Jimmy Fund Walk presented by Hyundai broke all kinds of records, with more walkers than ever before—9,400—raising more money than ever before—\$8.5 million. Jimmy Fund Golf, the nation's oldest and largest charity golf program, also had its best year ever, with thousands of golfers across the country coming together to raise \$7.2 million. And Red Sox Nation joined Jimmy Fund Nation to contribute nearly \$3.7 million during the 15th annual WEEI/NESN Jimmy Fund Radio-Telethon presented by Arbella Insurance Foundation, bringing its 15-year total to nearly \$44 million.

Support from Hyundai Hope on Wheels for the study described at the right demonstrates the importance of private support in attracting federal grants to drive discoveries with the potential to change patients' lives for the better.

As we embark on this new year, with the spark of innovation promising new breakthroughs around every corner, we thank you, our steadfast and generous donors, for providing the fuel that keeps that spark alight.

Sincerely,

Susan S. Paresky  
Senior Vice President for Development

## Discovery offers prospect of shorter treatment and cure for chronic myelogenous leukemia

Although targeted drugs like Gleevec have revolutionized the treatment of chronic myelogenous leukemia (CML), a slowly progressing type of blood cancer that develops in the bone marrow, patients generally must take the drugs for the rest of their lives and may cease benefiting from them over time. In new research funded in part by the National Institute of Health and Hyundai Hope on Wheels, scientists at Dana-Farber Cancer Institute have found that CML stem cells die in response to inhibition of a protein called Ezh2. Drugs that target this protein are already being tested in clinical trials for other cancers.

These findings raise the prospect that Ezh2 blockers, in combination with Gleevec and similar drugs, could eradicate the disease relatively rapidly in some patients, or could be an effective therapy for those who become resistant to Gleevec-like agents.

According to Stuart Orkin, MD, the study's senior author, past chair of Pediatric Oncology at Dana-Farber, and a Howard Hughes Medical Institute Investigator, the vast majority of patients with CML do remarkably well on Gleevec and similar drugs. The disease is well controlled and side effects are tolerable. "In only 10-20 percent of patients, however, are the leukemia cells fully cleared from the body," Orkin said. "The other 90 percent retain a reservoir of leukemic stem cells—which initiate the disease—and must stay on the drugs permanently."

The new study grew out of efforts



Stuart Orkin, MD, past chair of Pediatric Oncology at Dana-Farber, is senior author on this promising study.

to discover whether different types of cancer are susceptible to Ezh2 inhibitors. In laboratory experiments, the Dana-Farber researchers found not only that Ezh2 is overabundant in leukemia stem cells but also that it helps them survive and give rise to full-fledged CML cells. Inactivating Ezh2 through gene-editing techniques caused CML stem cells to die, halting the disease at its source.

"The stem cells' dependence on Ezh2 suggests they will be especially vulnerable to drugs that target the protein," Orkin said. "Such drugs are already in clinical trials for other diseases, including lymphoma and some solid tumors." Dana-Farber is a site in a recently opened multi-center phase 1 trial of an Ezh2 inhibitor for children with rhabdoid and other tumors. ■

The research reported in this publication was funded in part by the National Institutes of Health grant UO1 CA105423.



## TURN THE TIDE IN THE FIGHT AGAINST CANCER NAME A ZEBRAFISH

Honor someone special through this unique naming opportunity and support the next wave of cancer breakthroughs.



Learn more at  
[Dana-Farber.org/Zebrafish](http://Dana-Farber.org/Zebrafish)

Zebrafish named by June 30, 2017 will be installed in the next installation.



## Make your mark on cancer. Name a gene today.

Be a part of the cancer revolution. Name a gene in the Gene Display, located in the Robert J. Tomsich Family Gallery in Dana-Farber Cancer Institute's Yawkey Center for Cancer Care. This unique opportunity allows you to honor a family member, friend, or caregiver with a lasting tribute that also fuels groundbreaking research and patient care.



Learn more at  
[NameAGene.org](http://NameAGene.org)

Genes named by June 30, 2017 will be installed in the next installation.

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## WEEI/NESN Jimmy Fund Radio-Telethon celebrates 15th anniversary



Before the sun had even come up on Aug. 29, dozens of volunteers, participants, and radio and television crews had already arrived at Fenway Park to kick off the 15th anniversary of the WEEI/NESN Jimmy Fund Radio-Telethon presented by Arbella Insurance Foundation. Over the past 15 years, the 36-hour event, broadcast live by New England Sports Network (NESN) and WEEI Sports Radio Network (93.7 FM), has featured inspiring stories from Dana-Farber patients, doctors, researchers, and nurses. This year, nearly \$3.7 million was raised, which brings the 15-year total to nearly \$44 million.

Dana-Farber patients and family members shared their personal stories of struggle and triumph after receiving a cancer diagnosis, demonstrating the critical importance of the funds raised through the event.



The Boston Red Sox turned out in force to support Dana-Farber patients and families at the 15th Annual WEEI/NESN Jimmy Fund Radio-Telethon.

When asked who his hero is, Jimmy Fund Clinic patient Miles Goldberg answered, “Me,” and told a story of his visit to the Baseball Hall of Fame in Cooperstown. “The proprietor of Cooperstown would tell all the players to be their own hero,” said the 13-year-old, who is battling osteosarcoma. “Just look in the mirror and that’s who your hero is,” he said. “I feel really proud of that.”

Members of the Boston Red Sox stopped by throughout the event to take selfies, talk with patients, and speak on air. Big Papi—David Ortiz—came by and made a \$25,000 gift. “When I can put a smile on a kid’s face, they think it’s fun for them.

It’s fun for me!” said Ortiz. Other members of New England sports teams also appeared to encourage the audience to make gifts, including Boston Bruins players Jimmy Hayes, Frank Vatrano, David Krejci, and former player Shawn Thornton. New England Patriots quarterback Tom Brady called in and offensive lineman Nate Solder appeared on air with his wife, Lexi, and son, Hudson, who is currently being treated at Dana-Farber’s Jimmy Fund Clinic.

There was also plenty of activity before and during the games each night of Radio-Telethon. On Day One, the Boston Red Sox Jimmy Fund Award was presented to the

Ninety Nine Restaurant & Pub Corporation for its dedicated support of Dana-Farber and the Jimmy Fund. During the pre-game ceremony, the 15th anniversary of the event was recognized on field when hundreds of patients and their families formed the number 15 on the field. Dana-Farber patient Jodi Killeffer threw out the first pitch to Jimmy Fund Co-Captain Brock Holt.

On Day Two, former Jimmy Fund Clinic pediatric patient Amber DaRosa threw out the first pitch and was reunited with David Ortiz. The two had been photographed together in 2004 when Amber was a 6-year-old with a big smile and beautiful bald head; the photo was spread across banners, billboards, and ads as a powerful symbol of the Red Sox/Jimmy Fund relationship.

“Each summer, two of my favorite things come together—the Red Sox and the Jimmy Fund—for the WEEI/NESN Jimmy Fund Radio-Telethon,” said Chairman of the Jimmy Fund Larry Lucchino. “This year, we celebrated 15 years of helping patients of all ages and honored our dedicated doctors and nurses by sharing stories of hope, determination, and survival in Dana-Farber’s fight against cancer.” ■

## Cutlers make gift to the Office of Clinical Research

Getting the next generation of cancer treatments to patients relies on vetting therapies through clinical trials. Alice and Steve Cutler recently made a \$100,000 gift to support the Office of Clinical Research and the work of Dana-Farber’s Chief Clinical Research Officer, Bruce Johnson, MD.

For the Cutlers, continuing to support Johnson as he transitioned from leading the Lowe Center for Thoracic Oncology to leading the Office of Clinical Research enabled them to build upon their longstanding investment in his work.



Alice and Steve Cutler are supporting the work of Bruce Johnson, MD (left), in his role as Dana-Farber’s Chief Clinical Research Officer to help facilitate the testing of novel treatment approaches.

“Many things make Dr. Johnson an asset to the Institute, but what strikes me most is his warmth and transparency,” said Alice Cutler, an Institute Trustee. “His outstanding leadership in everything he does has been clear to us over the many years we have known him, and we’re confident that the Office of Clinical Research will benefit from Dr. Johnson’s vision and expertise, while developing promising treatments for patients. It’s been wonderful to get to know Dr. Johnson and his family, including his wife, Georgia, as we witness the progress being made against cancer.”

Sitting down with Johnson each year to learn about how philanthropy shapes research gave the Cutlers an appreciation for the progress made when researchers have the resources they need to succeed.

“Alice and Steve Cutler have been unwavering in their dedication to Dana-Farber’s mission,” said Johnson. “Clinical trials play a critical role in the development of novel cancer treatments, and I’m thrilled to have their support as we advance the next generation of more effective therapies.” ■

## GE CEO Jeff Immelt headlines Joint Visiting Committee Symposium



On Oct. 25 and 26, more than 300 guests—including members of the Presidential Visiting Committees, Institute Trustees, leadership, and faculty—convened at the Seaport Hotel in Boston for the 2016 Joint Visiting Committee Symposium. To kick off the annual two-day event, Josh Bekenstein, chairman of the Dana-Farber Board of Trustees (above, left), led an engaging conversation with Laurie H. Glimcher, MD, president and CEO of Dana-Farber, and Jeff Immelt, chairman and CEO of GE. Glimcher and Immelt discussed the state of innovation, the future of technology, the importance of collaboration, and the role of big data in cancer research, patient care, and the healthcare industry. Glimcher emphasized the importance of risk-taking in cancer research and Immelt wholeheartedly agreed. “Innovation’s about picking the right ideas and backing them, and that’s never been more important,” Immelt said.

Members of Dana-Farber’s Presidential Visiting Committees are donors and supporters who provide counsel and advice to the President, serve as educated ambassadors to the community at large, and help provide and secure the financial and intellectual resources to support the mission and core values of the Institute.

## Dana-Farber leads Stand Up To Cancer convergence team



Decades of cancer research and therapeutic development have made it clear that treating metastatic solid tumors requires novel combination therapies. To address this urgent need, Stand Up To Cancer (SU2C) and the National Science Foundation (NSF) have formed a first-of-its-kind research team bringing together investigators in disciplines such as engineering, mathematics, computer science, physical sciences, and cancer research to “converge” around one of the most difficult challenges in cancer research today, led by Dana-Farber physician-scientist Anthony Letai, MD, PhD. Including support from The V Foundation so that the team integrates an early-career scholar, Dana-Farber has been awarded a grant of \$1.4 million.

The SU2C-NSF-Drug Combination Convergence Translational Research Team is using an advanced, multi-pronged research approach to identify

new therapies for cancer patients. The new commitment brings SU2C’s cumulative grants to an exceptional \$14 million in direct funding and more than \$8 million in sub-funding to Dana-Farber.

“SU2C’s grant is unique and exciting because it invests in an approach—not just a project—to fight cancer,” said Letai. “This team of astute investigators is using a combination of biology, genomics, translational research, and clinical testing to further our understanding of advanced solid tumors and develop new ways to target and treat these cancers.”

The team’s full scope of the research includes: using data from drug-sensitive and drug-resistant

tumors—namely, *BRAF*-mutant melanoma and *PIK3CA*-mutant, ER-positive breast cancer—to build dynamic models; test the robustness of these models; and, using molecular data obtained from patients, characterize and interpret the main paths of sensitivity and resistance.

“Ultimately, this work will help us better pinpoint these tumors’ strengths and weakness,” added Letai. “And translating this knowledge into new drug combination treatments means better outcomes for countless patients.”

In addition to Letai, the team includes researchers from Memorial Sloan Kettering Cancer Center, Pennsylvania State University,

Columbia University, and Rockefeller University. The team received one of four SU2C Convergence Translational Research Team grant awards that bring together experts from different scientific fields across the globe to investigate complex medical problems.

“The remarkable and unique group of clinicians and physicists on the Drug Combination Convergence Translational Research Team will produce great science—discoveries that will help cancer patients today and well into the future,” said Sung Poblete, PhD, RN, president and CEO of Stand Up To Cancer. “No other agency or foundation, public or private, has assembled a team to study cancer biology in the detail and quantitative fashion that we expect from this effort.”

SU2C and Dana-Farber have a long-standing partnership in the fight against cancer. Over the past seven years, nearly 100 Dana-Farber faculty and staff members have been a part of seven SU2C Dream Teams or have been proud recipients of SU2C grants and awards. This critical and generous funding has enabled Dana-Farber physician-scientists to make significant headway in research on many different types of cancer. ■



Institute President and CEO Laurie H. Glimcher, MD, (center) with (from left) SU2C President and CEO Sung Poblete, PhD, RN, and Co-Founders and members of SU2C’s Council of Founders and Advisors Rusty Robertson, Lisa Paulsen, and Kathleen Lobb.

## Music Heals the Soul reaches \$1 million milestone



A special celebration was recently held at Dana-Farber to recognize the fundraising event Music Heals the Soul for reaching the milestone of \$1 million in cumulative funds raised.

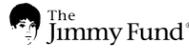
Now in its 10th year, Music Heals the Soul provides vital support to the Leonard P. Zakim Center for Integrative Therapies at Dana-Farber. Attendees enjoy dinner, live music, and silent auctions and can experience integrative therapies such as acupuncture and massage, all while supporting the center’s ongoing efforts to enhance patients’ quality of life through accessible and affordable integrative cancer care.

The celebration included a speaking program in which event Co-Chairs Joyce Zakim, Carol Kanin, and Linda Schwartz thanked the Music Heals the Soul Committee for its continued service. Jennifer Ligibel, MD, director of the Zakim Center, provided an update on the latest research and therapeutic developments to come out of the center.

Above, Joyce Zakim, Jennifer Ligibel, MD, (front, center right), and the Music Heals the Soul Committee admire the event’s name inscribed on the Institute Benefactors Wall that graces the third floor of the Yawkey Center for Cancer Care.

Jimmy Fund

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## Hyundai Hope On Wheels fuels neuroblastoma research

In honor of Childhood Cancer Awareness Month in September 2016, Hyundai Hope On Wheels® (HHOW) presented Hyundai Scholar Awards to scientists involved with promising translational research who work directly with pediatric cancer patients.

Among the distinguished recipients of a two-year, \$250,000 grant was A. Thomas Look, MD, a pediatric oncologist at Dana-Farber who is studying ways to overcome relapsed neuroblastoma, a high-risk pediatric solid tumor that accounts for a significant proportion of childhood cancer deaths.

With the support of the HHOW grant, Look and his team are leveraging their innovative zebrafish research models to identify and test FDA-approved drugs that could be repurposed as treatments for aggressive neuroblastoma in future clinical trials.

“Hyundai’s generous grant will ultimately

help us to identify potential new targeted therapies for our young patients with neuroblastoma, who often face poor prognoses,” said Look.

“Our Scholar Grants are designed to fund the best pediatric cancer research proposals across the U.S.,” said Zafar Brooks, program executive director, Hyundai Hope On Wheels. “We wish Dr. Look success in his research and eagerly look forward to seeing the results.”

Since 1998, HHOW, the nonprofit arm of Hyundai Motor America, has committed more than \$115 million nationally to finding a cure for childhood cancer. ■



Hyundai Hope On Wheels supports innovative pediatric cancer research to help kids like Dana-Farber Jimmy Fund Clinic patient Ian Lasker, above.

## Pan-Mass Challenge presents record-breaking \$47 million



Last fall, the Pan-Mass Challenge (PMC) proudly presented a ceremonial check for an astonishing \$47 million to Dana-Farber and the Jimmy Fund, representing 100 percent of every dollar raised by more than 6,000 committed riders of the 37th PMC in August 2016. This was not only another record-breaking total, but was an incredible \$1 million over goal, and \$2 million more than the previous year’s total. This spectacular achievement would not have been possible without the dedicated support of presenting sponsors Red Sox Foundation and New Balance, media partner WBZ-TV, 200 additional sponsors, and 4,000 volunteers. From left, at the presentation: Boston Red Sox President Sam Kennedy, WBZ-TV anchor Lisa Hughes, Dana-Farber Board of Trustees Chairman Josh Bekenstein, PMC Founder and Executive Director and Dana-Farber Trustee Billy Starr, Dana-Farber President and CEO Laurie H. Glimcher, MD, and PMC Board of Trustees Chairman David Fialkow.

## National Palliative Care Research Center supports innovative research



The National Palliative Care Research Center (NPCRC) is devoted to stimulating, developing, and funding research directed at improving care for seriously ill patients and their families. In support of this mission, the NPCRC recently awarded a total of \$462,000 to Dana-Farber Cancer Institute investigators Charlotta Lindvall, MD, PhD; Oreofe Odejide, MD; and Alexi Wright, MD, MPH.

The NPCRC plays a unique role in fueling research into palliative care, an area that has been historically underfunded. Although Dana-Farber has its own dedicated Department of Psychosocial Oncology and Palliative Care, the majority of medical schools do not—and so the NPCRC helps to bridge this gap by supporting researchers nationwide, furthering these essential studies and ensuring that the findings are shared more broadly.

With her award, Lindvall aims to leverage recent advances in technology to analyze patients’ medical records in order to determine whether specific key words or phrases can help to predict outcomes. Odejide will study discussions focused on goals of care for patients with blood cancers, and work to develop an intervention that will help to improve these conversations. Finally, Wright plans to refine a smartphone application that can determine a patient’s symptoms and activity levels in real time—and then, depending on the results, provide symptom management advice or trigger a clinical alert.

Sean Morrison, MD, director of the National Palliative Care Research Center, said, “NPCRC is thrilled to be able to support the important research conducted by these three investigators. It is because of work by Drs. Wright, Lindvall, and Odejide that we will be able to cure suffering for persons with serious illness like cancer and their families.” ■

## Strike Out Cancer knocks one out of the park

the paper  store



The summer of 2016 marked the 15th consecutive winning season for our Strike Out Cancer baseball pin-up campaign. From July 27 through Aug. 16, customers at participating Taco Bell, KFC, and The Paper Store locations throughout New England pitched in \$1, \$3, or \$5 to the Jimmy Fund to raise over \$242,000.

Customers’ autographed baseball pin-ups were displayed in restaurants and stores, inspiring others to go out for the team. At participating Taco Bell and KFC

restaurants, donors who contributed \$3 or more received a coupon sheet featuring deals from Taco Bell, KFC, The Paper Store, and other retailers.

“Despite the fact that our cashiers have only a few seconds to take an order and ask a customer for a Jimmy Fund gift, we have raised more than \$2.5 million over the last 15 years,” said Institute Trustee Roger Lockwood, chairman of the Lockwood/McKinnon Company, a Taco Bell franchisee. “During our three-week campaign, Strike Out Cancer touches thousands of people throughout New England.”

Taco Bell has been supporting the Jimmy Fund since 2002, when Lockwood initiated Strike Out Cancer. In 2006, KFC joined the roster, and in 2011 The Paper Store stepped up to the plate. ■

**“During our three-week campaign, Strike Out Cancer touches thousands of people throughout New England.”**

— **ROGER LOCKWOOD**, Dana-Farber Trustee and chairman of the Lockwood/McKinnon Company, a Taco Bell franchisee

## Ninety Nine Restaurant & Pub receives Jimmy Fund's highest honor



Last summer, the Boston Red Sox presented the Ninety Nine Restaurant & Pub with the 2016 Boston Red Sox Jimmy Fund Award, the Jimmy Fund's highest honor, in recognition of its longstanding commitment to Dana-Farber's lifesaving mission.

The Ninety Nine has been a champion of Dana-Farber since 2006, when Team Lanzoni was created in memory of friend and colleague Dave Lanzoni, after he passed away from cancer. Each year, the team participates in the Falmouth Road Race, Pan-Mass Challenge, and other activities, and the restaurant has raised more than \$1.2 million through in-store promotions since 2011. In total, the Ninety Nine has raised more than \$3.2 million for Dana-Farber and the Jimmy Fund.

Above (from left), Red Sox Chairman Tom Werner, Red Sox President Sam Kennedy, Jimmy Fund Co-Captain Brock Holt, and Chairman of the Jimmy Fund Larry Lucchino present the award to Ninety Nine President Charlie Noyes and Regional Vice President Jim Kiley.

## The Lustgarten Foundation propels new pancreatic cancer treatment approaches



**The Lustgarten Foundation** recognizes that improved therapeutic strategies are needed for patients with pancreatic cancer, which is often diagnosed at an advanced stage. Toward this goal, The Lustgarten Foundation awarded Brian Wolpin, MD, MPH, co-director of Dana-Farber's Pancreas and Biliary Tumor Center, a \$379,407 grant to support his innovative work, which aims to better predict patient response to various therapies, ensuring that patients rapidly receive the most effective care.

"This generous support from The Lustgarten Foundation has enabled me to assemble a team of experts in pancreatic cancer biology and genomics to evaluate current

treatments and new approaches for patients with advanced disease," said Wolpin. "We are uncovering biomarkers to pinpoint tumor types that are most likely to respond to promising therapies, including a synthetic form of vitamin D."

In preclinical studies, vitamin D drugs have been shown to block cells that prevent cancer-fighting immune cells and chemotherapy drugs from reaching the tumor. Wolpin's work is elucidating the best candidates for this treatment.

"The Lustgarten Foundation is committed to supporting work that will reveal new strategies for the prevention, diagnosis, and treatment of pancreatic cancer, one of the most challenging-to-treat forms of cancer," said Kerri Kaplan, president and chief executive officer of The Lustgarten Foundation. "We are proud to partner with Dana-Farber to advance research that steers us ever closer to our shared goal of helping more patients with this devastating disease." ■

## Cancer Research Institute funds research on combination immunotherapies for melanoma



**CANCER RESEARCH INSTITUTE**

The Leader in Immunotherapy

The Cancer Research Institute (CRI) has awarded a \$175,000 CRI Irvington Postdoctoral Fellowship to Adam Cartwright, PhD, to develop combination immunotherapies to treat melanoma.

Using research models of melanoma, Cartwright will identify a comprehensive list of targets that can be treated with a combination of immunotherapy agents. He aims to increase the scope and efficacy

of combination immunotherapy treatments, as current regimens are successful for only a relatively small percentage of patients.

"The Cancer Research Institute understands that the keys to unlocking the immune system's full power to combat cancer lie in basic discoveries in immunology and tumor immunology, discoveries that young scientists like Dr. Cartwright make or contribute to when carrying out their postdoctoral fellowships," said Jill O'Donnell-Tormey, PhD, CEO and director of scientific affairs, Cancer Research Institute.

The Cancer Research Institute Irvington Postdoctoral Fellowship Program provides funding for young scientists to ensure that they receive

the critical financial support required to pursue their work. CRI supports research to develop immunological methods for treating, controlling, and preventing cancer.

"Funding from the CRI Irvington Postdoctoral Fellowship not only ensures that our work can continue to develop novel treatments for cancer, but more importantly, the recognition from such a prestigious foundation provides even further inspiration to discover new therapies," said Cartwright, a postdoctoral fellow in the laboratory of Kai Wucherpfennig, MD, PhD, chair of Cancer Immunology and Virology at Dana-Farber. ■



## Dana-Farber team shatters fundraising record in Falmouth Road Race

**RUN FOR  
DANA-FARBER**

The Dana-Farber team celebrated its 13th running of the New Balance Falmouth Road Race by smashing its previous fundraising record, raising a total of more than \$850,000 for the Jimmy Fund.

With 281 members, the Dana-Farber team was the largest charity team at the Aug. 21 event. The scenic 7-mile course along the Cape Cod coast runs from Woods Hole to Falmouth Heights and is known for both its beauty and challenge, including breathtaking ocean views and numerous rolling hills.

This is the second year in a row that Falmouth team members have

far surpassed the previously held fundraising record, a testament to the runners' hard work and passion for Dana-Farber's mission.

This year's team, the largest to date, breezed past their initial \$825,000 goal, an accomplishment that will directly impact Dana-Farber's lifesaving mission. Gifts to the Jimmy Fund help the Institute investigate promising new research options, enhance patient care programs and initiatives, attract and retain the highest caliber faculty and staff, and strengthen financial support services and community outreach.

For northern Vermont resident Ira Gray, that mission became a personal one in 2014 after losing his brother, Thurston, to brain cancer. Gray sought a way to honor Thurston's memory, thank Thurston's care team, and support Dana-Farber's mission.

For Gray, who raised more than \$8,000 in 2016, running the Falmouth Road Race not only gave him an opportunity to give back to Dana-Farber, but also allowed him to meet others affected by the Institute's work.

"I have met some incredibly courageous people who are actually examples of Dana-Farber's work," said Gray. "After this year's race, I walked back to the parking area

with two women who were Dana-Farber patients and are now cancer survivors. Meeting them was a truly inspirational moment for me!"

Gray had previously participated in the Boston Marathon® Jimmy Fund Walk and the Dana-Farber Marathon Challenge before joining the Dana-Farber Falmouth Road Race team, on which he plans to continue running in the future. ■



Dana-Farber's team in the 2016 Falmouth Road Race raised more than \$850,000, surpassing the previous record.

## Erica's Suite raises funds for relapsed leukemia research and provides respite for patients

Erica Leafquist was a remarkable patient at Dana-Farber's Jimmy Fund Clinic, known for her courage, humor, artwork, and, a passion for the Boston Red Sox. Although Erica passed away following a 10-year battle with acute lymphoblastic leukemia (ALL) in December 2013 at the age of 14, her legacy endures through Erica's Suite, a luxury box at Fenway Park. In 2016, sales of Erica's Suite generated more than \$110,000 for the Erica Leafquist Fund at Dana-Farber to support relapsed ALL research led by Lewis Silverman, MD.

Erica's Suite is made possible through the generosity of Dana-Farber Trustee Phillip Gross and his wife, Elizabeth, with the support of the Boston Red Sox and Erica's parents, Eric and Kathy Leafquist. After meeting Erica and her family on a trip to St. Louis for Game 3 of the 2013 World Series, Phill and Liz decided to annually purchase a suite in Erica's memory and donate its use to provide Dana-Farber patients a comfortable environment in which to enjoy games as Erica did. Featuring a display of



Erica Leafquist, a former patient in Dana-Farber's Jimmy Fund Clinic, is honored through Erica's Suite, which supports pediatric ALL research.

Erica's story and artwork, the suite provides her a fitting tribute as her favorite team plays. When the suite is not in use by patients or families, the Red Sox re-sell use of the suite, with proceeds going directly to Erica's Fund.

"We are pleased to honor Erica's life, give other patients a respite from cancer treatment, and advance the fight against relapsed ALL through Erica's Suite," said Phill. ■

## Family fund honors life and memory of Greg Rudkin

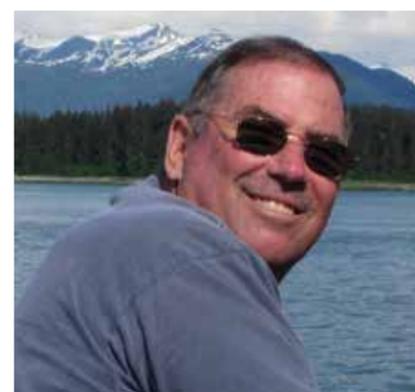
When Greg Rudkin was diagnosed with myelodysplasia, a bone marrow disorder, his family immediately flew him from his home in Florida to Dana-Farber Cancer Institute, where he was treated by Edwin P. Alyea III, MD. The care Greg received from Alyea and his entire team prompted a generous \$120,000 gift from the Rudkin family and The Harry E. Goldfarb Family Foundation to establish the Greg Rudkin Stem Cell Transplant Research Fund to support Alyea's research.

Alyea's work is focused on using allogeneic transplants to treat older patients with acute myeloid leukemia (AML) and myelodysplastic syndromes (MDS). Generally, the genetic alterations in cancer cells can predict the risk of relapse after transplantation.

"This gift will support our efforts to better understand the relationship between these genetic alterations and the risk of relapse," said Alyea. "By understanding which patients are at a higher risk of relapse, we can develop new strategies using the immune system to reduce that risk."

Dana-Farber holds a special place in the hearts of Greg's family. The establishment of this memorial fund not only honors Greg's life and his fight, but also reflects the appreciation for the understanding, compassion, and positivity the staff and faculty shared.

"From our very first meeting at Dana-Farber, it was evident that they saw Greg not only as a patient, but as an individual," said Janice Lindsey, Greg's wife. "Dana-Farber, Dr. Alyea, and his entire team understood the need to balance living one's life while battling cancer, and we give them our sincerest thanks." ■



A gift from the Rudkin family and the Harry E. Goldfarb Family Foundation honors the life of Greg Rudkin.



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## Jimmy Fund Golf swings big with more than \$7.2 million raised for Dana-Farber

Uniting more than 160 golf events held in New England and across the country, including thousands of tournament directors, volunteers, and golfers, Jimmy Fund Golf raised a record-breaking \$7.2 million in 2016 to benefit Dana-Farber, retaining its leadership as the oldest and largest charity golf program in the country.

Jimmy Fund Golf tournaments take place on different courses and in all four seasons, but they all share the same passion for Dana-Farber's mission to conquer cancer. Tournament organizers and golfers are inspired by family members, friends, and colleagues touched by cancer, and put forth incredible efforts to raise money

supporting Dana-Farber's researchers and the latest innovations in cancer patient care. With several tournaments reaching fundraising milestones, and many more celebrating longtime participation, the Jimmy Fund Golf community demonstrated exceptional commitment to the fight against cancer in 2016.

Expect Miracles Foundation (EMF) became the top Jimmy Fund Golf fundraising tournament in 2016 by raising a phenomenal \$700,000. In addition to the top leader board spot, EMF also achieved the largest increase in dollars raised, raising \$175,000 more than the previous year. EMF is led by Tournament Directors Frank Strauss, Frank Heavey, Maggie Nokes, and Megan Melville. Since 2007, EMF has raised more than \$4.7 million for the Robert and Renée Belfer Center for Applied Cancer Science, where Dana-Farber scientists partner with

pharmaceutical and biotechnology companies to efficiently translate Dana-Farber discoveries into the next generation of cancer treatments.

In its 19th year with Jimmy Fund Golf, the Dunkin' Donuts George Mandell Memorial Golf Tournament remained one of the top tournaments, raising \$650,000 in 2016, an impressive 30 percent increase over the previous year. Led by Tournament Director Melanie King, this year's event gathered more than 250 participants, and featured Chairman of the Jimmy Fund Larry Lucchino as the speaker.

Celebrating its 25th anniversary, the Ahold USA Store Development Jimmy Fund Classic raised \$450,000. The longstanding tournament drew more than 250 players, and was organized by Tournament Co-Chairs Scott Haley, Bill Lawrence, and Mike McKnight.

Claiming the title of Jimmy Fund Golf's longest-running tournament

at 37 years and counting, the Jimmy Fund Golf Tournament/Jeffrey Vinick Memorial raised more than \$332,000. The tournament took place across three courses in Massachusetts and Connecticut, and featured an evening program at Springfield's Naismith Memorial Basketball Hall of Fame. The 2016 Tournament Co-Chairs were Liz Rappaport and Tom Mathes. Dana-Farber Trustees Jim and Barbara Sadowsky served on the tournament's executive committee.

As always, Jimmy Fund Golf was bolstered not only by its tournaments and events, but also by its impressive roster of sponsors. Leading support for Jimmy Fund Golf, Ace sponsors included '47 Brand, American Airlines, Champ Golf, Dunkin' Donuts, HomeGoods, The International Golf Club and Resort, and Wicked Local. ■



Frank Strauss, co-founder and chairman of the board of directors of the Expect Miracles Foundation, which contributed to the tournament's tremendous total of \$700,000 in 2016.



Tournament Director Melanie King (second from right) and members of the Dunkin' Donuts George Mandell Memorial Golf Tournament joined Chairman of the Jimmy Fund Larry Lucchino (center) to present a check for \$650,000 to Dana-Farber's Senior Vice President for Experimental Medicine Lee Nadler, MD (left).



The Ahold USA Store Development Jimmy Fund Classic raised \$450,000 with help from Tournament Organizers (from left) Bill Lawrence and Scott Haley, top sponsor Bob Fers, and Tournament Organizer Mike McKnight.



Tournament Co-Chair Tom Mathes (second from right) and committee members (from left) Lou Conte, Dave Madsen, and Pete Clark of the Jimmy Fund Golf Tournament/Jeffrey Vinick Memorial, which raised \$332,000 in 2016, and celebrated surpassing \$10 million over 37 years.



Tournament Directors Michael Dunn (left) and Rich Hutchinson led the C&W Services/Jimmy Fund Golf & Tennis Classic to raise \$150,000 in 2016.



The Abrams Family proudly celebrated raising more than \$270,000 at the 19th annual Robyn Elise Abrams Memorial Golf Tournament, for a cumulative total of nearly \$4.5 million.



The Svenson Family raised more than \$220,000 at the ninth annual John R. Svenson Classic. Since 2008, the tournament has raised more than \$2.3 million for the Svenson Genomic Research Fund at Dana-Farber.

## 2016 Top Fundraising Tournaments

Tournaments that raised \$100,000 or more as of Sept. 30, 2016

Expect Miracles Golf Classic .....	<b>\$700,000</b>
Dunkin' Donuts George Mandell Memorial Golf Tournament.....	<b>\$650,000</b>
Ahold USA Store Development Jimmy Fund Classic.....	<b>\$450,000</b>
Jimmy Fund Golf Tournament/Jeffrey Vinick Memorial .....	<b>\$332,000</b>
Robyn Elise Abrams Memorial Golf Tournament .....	<b>\$271,914</b>
John R. Svenson Classic.....	<b>\$221,666</b>
C&S Wholesale Grocers Charity Golf Outing .....	<b>\$200,000</b>
Women's Cancers Classic .....	<b>\$170,000</b>
Ted Rubin Memorial Golf Tournament.....	<b>\$155,949</b>
Joan H. Brack Memorial Golf Tournament.....	<b>\$150,000</b>
Whole Foods Market Golf Classic.....	<b>\$150,000</b>
C&W Services/Jimmy Fund Golf & Tennis Classic .....	<b>\$149,055</b>
Jimmy Fund Players Golf Tournament .....	<b>\$148,993</b>
Dana-Farber Leadership Council Golf Tournament .....	<b>\$131,463</b>
Jimmy Memorial Golf Tournament.....	<b>\$125,270</b>
Kernwood Country Club's Swing to Support Dana-Farber .....	<b>\$115,000</b>
Hyannisport Jimmy Fund Classic .....	<b>\$112,861</b>
Golf Fights Cancer - Golf Marathon.....	<b>\$110,000</b>
Tom Cosenzi Charity Golf Tournament .....	<b>\$110,000</b>
Tame The Tigers .....	<b>\$100,621</b>
Making Gray Matter Golf Classic.....	<b>\$100,000</b>

## Tournaments Celebrating Milestones

Highland Country Club/Jim Rignanes Memorial Jimmy Fund Classic .....	<b>30 years</b>
Legal Sea Foods Golf Outing.....	<b>25 years</b>
Ahold USA Store Development Jimmy Fund Classic.....	<b>25 years</b>
Quality Beverage Golf Tournament to Benefit the Jimmy Fund .....	<b>25 years</b>
VHB Jimmy Fund Golf Tournament .....	<b>25 years</b>
Jimmy Memorial Golf Tournament.....	<b>15 years</b>
Cape Cod Classic.....	<b>15 years</b>
Berkshire Council Jimmy Fund Putt-A-Thon .....	<b>10 years</b>
Boston Tower Jimmy Fund Golf Classic.....	<b>10 years</b>
David L. Lanzoni Memorial Golf Tournament .....	<b>10 years</b>
Oberg/Sweeney Memorial Golf Tournament .....	<b>10 years</b>
RMS/SMCC Invitational .....	<b>10 years</b>
Bill Donovan Memorial Golf Classic.....	<b>5 years</b>
Chris Rowan Memorial Golf Tournament .....	<b>5 years</b>
Golf Fights Cancer - Ellie Kavalieros Good Guys, Good Gals Invitational .....	<b>5 years</b>
Kernwood Country Club's Swing to Support Dana-Farber .....	<b>5 years</b>
Matt Ziemian Memorial Golf Tournament .....	<b>5 years</b>
MIADA Golf Tournament .....	<b>5 years</b>
Mike Patterson Mini Golf Tournament.....	<b>5 years</b>
Palmer Family Jimmy Fund Golf Tournament.....	<b>5 years</b>
Swing For Pink .....	<b>5 years</b>

## Jimmy Fund Golf 2016 Sponsors

Ace Sponsors:



www.theinternational.com



Eagle Sponsors:



C&S Wholesale Grocers employees and tournament volunteers (from left) James Sanville, Wayne Lacoste, Tom Patterson, and Mike Wilson at the C&S Wholesale Grocers Charity Golf Outing, which contributed \$200,000 to support pediatric oncology research.



Dana-Farber Trustees (from left) Jim Dow, Paul Severino, and Mike Champa successfully led the Jimmy Fund Players Tournament to raise nearly \$149,000 in 2016 and more than \$2.2 million over the last 14 years, to support the High Tech Multidisciplinary Research Fund.



Tournament organizers (from left) Bill Brack and Bob Brack with John Shanahan and LPGA professional golfer Carri Wood, who helped the Joan H. Brack Memorial Golf Tournament raise \$150,000 in 2016.

## DFMC runners raise \$5.6 million for basic cancer research



Since its first steps in 1990, the Dana-Farber Marathon Challenge (DFMC) team has provided much-needed support to the Claudia Adams Barr Program in Innovative Basic Cancer Research at Dana-Farber. The year 2016 was no different, as 570 DFMC teammates ran the 120th Boston Marathon® in April, garnering a remarkable \$5.6 million in financial support. The DFMC has raised more than \$80 million for the Claudia Adams Barr Program to date. The program was established in 1987 by Institute Trustees Delores Barr Weaver and her husband, Wayne, in memory of her mother, Claudia Adams Barr, to fund innovative and transformational basic cancer research.

Above, members of the 2016 DFMC team gathered for a special check presentation ceremony at Dana-Farber's Yawkey Center for Cancer Care to celebrate their fantastic achievement.

## Donor is setting his target on rare lung cancer mutation

When friends in his Syracuse, N.Y., community were afflicted by cancer, Kevin Hanlon sprang into action. He twice ran the Dana-Farber Marathon Challenge to raise vital funds for the cancer center that helped his friends when local hospitals couldn't.

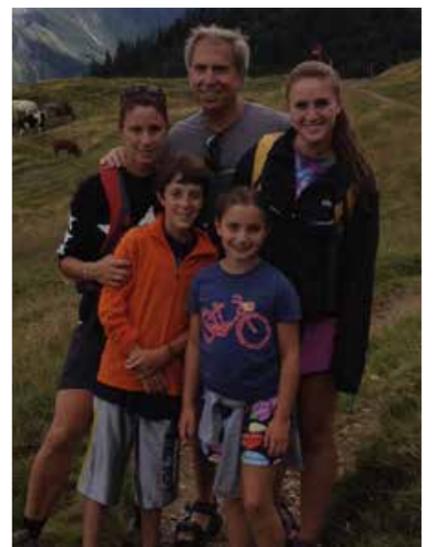
By running, Kevin learned more about Dana-Farber and how genomic profiling and targeted therapies are saving the lives of patients. Then, in April 2016, this athlete and never-smoker was diagnosed with adenocarcinoma, a form of lung cancer. When his doctors in Syracuse recommended he seek treatment from an experienced cancer center, Hanlon said there was no question in his mind he'd turn to Dana-Farber.

Hanlon learned that no targeted therapies existed for the rare mutation driving his cancer. Determined to advance targeted therapies for patients like himself, Hanlon and his wife, Denise, made a \$250,000 gift to support research in this area by Pasi Jänne, MD, PhD, director of Dana-Farber's Carole M. and Philip L. Lowe Center for Thoracic Oncology.

"It would be great to help others

who have this same mutation and give them access to proven medicines that carry fewer side effects," Hanlon said. "I hope this gift allows Dr. Jänne and his team to help those coming through this diagnosis along side of me and after me."

"There's a finite amount of funds available for research and they tend to gravitate to more common mutations," Jänne said. "This gift will allow us to advance our understanding of this subset of lung cancer." ■



Kevin and Denise Hanlon and their family.

## Marcus creates and leads auction of contemporary Chinese art to benefit Dana-Farber

Institute Trustee Paul Marcus tapped his vast network of contacts to mobilize leading artists, their foundations, and galleries to donate artworks to Dana-Farber Cancer Institute. The pieces were consigned to Christie's, an auction house based in New York, and sold live and online on behalf of the Institute through an event called, "Artists for Chinese Children with Cancer for the Benefit of the Dana-Farber China Initiative."

The post-war and contemporary artwork up for bid represented a diverse collection of sculptures and paintings ranging from an oil and Chinese lacquer board from a Ming Dynasty bookcase captioned "Motherland," to a glazed porcelain sculpture dubbed "Watermelon" and a 1968 painted wood and Formica work entitled "City Space Scape."

At the strike of the last hammer, nearly \$268,000 was generated from 11 pieces sold.

Funds raised through this initiative stand to benefit pediatric cancer patients here at Dana-Farber and in China in an international effort to end childhood cancer.



Marcus, here with his wife Dr. Moying Li-Marcus, arranged for Christie's to hold an auction of Asian contemporary art to benefit Dana-Farber.

"This is a unique partnership between Dana-Farber and the Beijing Children's Hospital that will allow for academic exchange between the institutions and promote the formation of a delegation to share best practices and scientific advances in pediatric cancer research," said Marcus. "Our hope is that this combined impact can be amplified globally through dissemination of knowledge and innovation." ■

WHEN ELIGIBLE MASSACHUSETTS RESIDENTS GIVE \$50 OR MORE TO DANA-FARBER AND THE JIMMY FUND, ARBELLA GIVES THEM:

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Official Auto Insurance Partner of the Jimmy Fund and Dana-Farber Cancer Institute

## Everyone wins with A Chance For Kids & Families®

Last summer, Burger King® and Valvoline Instant Oil Change™ once again offered A Chance for Kids & Families®, raising more than \$596,000 to help the Jimmy Fund conquer cancer at Dana-Farber Cancer Institute. Customers who gave \$1 to the Jimmy Fund received a scratch card and won a prize. Major prizes included three TNT Vacations trips powered by

Funjet Vacations, American Airlines AAdvantage® Miles, seven nights of accommodation in Antigua, tickets to Blue Man Group, and passes to Six Flags New England and Water Country, as well as Burger King and Valvoline Instant Oil Change prizes.

Gifts as small as \$1 can add up and make a big difference in the fight against cancer and help patients like

Susan, who was one of the program's patient partners. Diagnosed with acute myelogenous leukemia in 2012, a stem-cell transplant at Dana-Farber saved her life, allowing her to walk her daughter down the aisle last summer. "The mom-sense kicked in, and I just knew I had to be strong and get through it for my family," she said. "I wasn't done living my life yet."

The program began in 2000 as a partnership between Burger King and the Jimmy Fund. Since then, A Chance for Kids & Families has raised more than \$14 million. Valvoline Instant Oil Change joined the effort in 2014.

"Cancer touches just about everyone's life," said Bill Janikies, president of The Jan Companies, a Burger King franchisee. "Whether it be a family member, friend, or co-worker, cancer has affected us all. The amazing, world-class work being done at Dana-Farber, both in research and in patient and family support services, is moving us much closer to finding a cure. Because of this work, Burger King and its franchisees are extremely proud to support A Chance for Kids & Families. We hope that someday soon, because of the terrific work of Dana-Farber, that we will have that cure." ■



**"The amazing, world-class work being done at Dana-Farber, both in research and in patient and family support services, is moving us much closer to finding a cure. Because of this work, Burger King and its franchisees are extremely proud to support A Chance for Kids & Families."**

— **BILL JANIKIES**, president of The Jan Companies, a Burger King franchisee

## Continuing a legacy of support

When Swampscott, Mass., resident Sue de Vries was diagnosed with cancer in 2001, she made it her mission to provide access to support services closer to home. From this, the Sue de Vries Cancer Foundation was established; it has since gone on to improve the lives of numerous cancer patients on the North Shore of Massachusetts.

"Sue cared for everyone and wanted patients, like herself, who were living with cancer, to have access to critical resources in their own community," said Danielle Jacobs, president of the Sue de Vries Cancer Foundation.

There was one reason Sue was willing to make the trek into Boston—receiving care from Eric Winer, MD, chief of the Division of Women's Cancers, director of Breast Oncology in the Susan F. Smith Center for Women's Cancers, and Thompson Chair in Breast Cancer Research at Dana-Farber.

"I was in awe of Sue," said Winer. "She had a

tough time but didn't let cancer stop her—not even from riding with me in the Pan-Mass Challenge."

Sue passed away in 2006, but her dedication to cancer research lives on. The foundation recently gave \$100,000 to support Winer's search for more-effective, less-toxic approaches for breast cancer patients. In addition, the foundation named a workspace in Dana-Farber's Leonard P. Zakim Center for Integrative Therapies.

"We're grateful to everyone in the community who helped make this gift possible," said Jacobs. "I feel Sue smiling down on us from above." ■



Members of the Sue de Vries Cancer Foundation (from left), Larisa Forman, Rebecca Sontz, Danielle Jacobs, and Andrea York, present Eric Winer, MD, with a gift in memory of Sue de Vries.

## Joyce Kulhawik honored with 2016 Jimmy Award



Emmy Award-winning arts and entertainment critic Joyce Kulhawik received the 2016 Jimmy Award at the Jimmy Fund Golf Classic. Established in 1983, the Jimmy Award honors celebrities and individuals who are committed to advancing the mission of Dana-Farber and the Jimmy Fund. Honorees demonstrate their dedication to cancer research and the care of patients through their support, encouragement, guidance, and friendship. Kulhawik has played an important role in giving back to Dana-Farber and the Jimmy Fund. A former Dana-Farber patient and three-time cancer survivor, Kulhawik has served as a tireless cancer-awareness advocate and has shared her story with thousands of people all over New England. Kulhawik has volunteered her time and has served in numerous roles, including master of ceremonies, moderator, and guest speaker at many Dana-Farber and Jimmy Fund events.

## Make a tax-efficient gift to conquer cancer at Dana-Farber



### DONOR ADVISED FUNDS

Give through your donor advised fund to maximize your impact on the fight against cancer—your fund sponsor handles all record-keeping, disbursements, and tax receipts.



### STOCK OR SECURITIES

Make a gift of stock or securities to support Dana-Farber's lifesaving mission and you can avoid capital gains tax on the appreciation of your stock.



### INDIVIDUAL RETIREMENT ACCOUNT (IRA)

If you or a family member are 70½ or older with an IRA, you can transfer a cancer-fighting gift directly to Dana-Farber without incurring tax consequences.

## Annual summit celebrates corporate partnerships



Last fall, more than 150 individuals representing 88 companies gathered in the Boston Red Sox/Jimmy Fund Auditorium for the fourth annual Corporate Partners Summit. The summit was an opportunity for corporate supporters of Dana-Farber and the Jimmy Fund to celebrate the difference their collaboration is making in the fight against cancer, and to learn about the important role organizations play in advancing our lifesaving mission.

Linda Boff (above), chief marketing officer of GE and the summit's keynote speaker, talked about the innovative tactics companies should use to demonstrate their dedication to finding cures for cancer. Attendees also engaged in a question-and-answer session with Boston Red Sox President Sam Kennedy, learned about the latest in cancer immunology from Michael Goldberg, PhD, and explored the patient experience with Dana-Farber patient Felipe Estrela.

## The Jill Effect

Jill Birnbaum's life was about cultivating relationships, sharing adventures, and making the world around her a better place. Whether at home or traveling to far corners of the earth, Jill's vibrant energy attracted those around her. Strangers would be transformed into friends as she absorbed their stories and shared her own. This unique ability to inspire meaningful, lasting connections with any person in any place is what her family and friends call the Jill Effect.

In 2012, Jill was diagnosed with uterine leiomyosarcoma (LMS), a rare cancer with no reliable techniques for early detection. When she passed away the following year, parents Margie and Buzz Birnbaum were determined to help create progress. With an initial fundraising goal of \$100,000, they partnered with Suzanne George, MD, clinical director of Dana-Farber's Center for Sarcoma and Bone Oncology, who is seeking new models for

more reliable methods of identification in at-risk LMS patients, which will inform necessary treatments. To date, the Jill Effect Fund has raised more than \$145,000.

Considering Jill's penchant for travel, it is no surprise that support has come flooding in from near and far to generate advances in LMS screening. Said Margie and Buzz Birnbaum, "We want to honor Jill by ensuring others have access to this critical screening, to ensure their unique effect in the lives of their family and friends has the opportunity to shine on." ■



Margie and Buzz Birnbaum (center and right) rallied friends and family to raise funds for leiomyosarcoma research at Dana-Farber, in tribute to the life of their daughter, Jill.

## International Myeloma Foundation drives novel myeloma treatments



Three Dana-Farber investigators have received Brian D. Novis Research Grants totaling \$200,000 from the International Myeloma Foundation (IMF) to develop novel therapeutic approaches to treat multiple myeloma. The grants honor the memory of the co-founder of IMF.

Irene Ghobrial, MD, director of the Michele & Steven Kirsch Laboratory for Waldenström's Macroglobulinemia Research and co-principal investigator of Dana-Farber's new Center for the Prevention of Progression of Blood Cancers, will use her grant to examine the molecular drivers of myeloma progression and identify biomarkers for determining prognosis.

Giada Bianchi, MD, a postdoctoral research fellow, will investigate ways to inhibit the activity of the Robo1 protein, which promotes the

dissemination of myeloma cells in the bone marrow.

With his grant, research fellow Geoffrey Matthews, PhD, will study the therapeutic activity of novel bromodomain degraders, a new class of anti-tumor agents, and assess strategies for overcoming drug resistance.

"These generous grants from the IMF enable these outstanding young investigators and me to continue our work to better understand the biology of myeloma and develop more

effective treatments for patients," said Ghobrial. "We are grateful for their support."

"The IMF has awarded more than 100 Brian D. Novis Research Grants to support the most promising projects by both senior and junior investigators in the field of myeloma," said Susie Novis Durie, IMF president and co-founder. "This important work brings us closer to fulfilling IMF's mission—finding a cure for myeloma." ■



Zoe, a patient in Dana-Farber's Jimmy Fund Clinic, with her nurse, Patricia

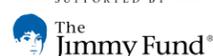


Be a part of Jimmy's Team

**Jimmy's Team** is a group of loyal Dana-Farber and Jimmy Fund supporters who arrange automatic, recurring gifts, which allows Dana-Farber to plan for the future, fund groundbreaking research, and provide the highest level of patient care.

When you join Jimmy's Team, you make an active, ongoing investment in progress at Dana-Farber. Join today and receive a special edition baseball cap.

To join Jimmy's Team, visit [www.Dana-Farber.org/JimmysTeam](http://www.Dana-Farber.org/JimmysTeam) or contact Elyse Rivituso at 617-632-5172 or [ElyseE\\_Rivituso@dfci.harvard.edu](mailto:ElyseE_Rivituso@dfci.harvard.edu).



## Gateway for Cancer Research supports clinical trial to test novel approach



For more than 25 years, Gateway for Cancer Research has invested in innovative phase 1 and phase 2 clinical trials to assess novel therapeutic options for patients. Building on its previous support of Dana-Farber, Gateway for Cancer Research recently awarded more than \$350,000 to Khanh Do, MD, to explore ways to inhibit proteins involved in the development and growth of cancer, particularly CDK and Hsp90.

“Thanks to Gateway for Cancer Research, we are developing new strategies to inhibit Hsp90 and CDK through combination therapies,” said Do. “We aim to learn whether this approach can target pathways involved in cancer progression

and treatment resistance, which could ultimately engender better outcomes for patients with advanced cancer.”

Combining therapies can sometimes improve patient outcomes when drugs work synergistically to yield even greater impacts than they have individually. Do’s work builds on CDK inhibitor research led by Geoffrey Shapiro, MD, PhD, director of Dana-Farber’s Early Drug Development Center, and could help patients with late-stage or aggressive forms of cancer, who often have fewer treatment options.

“Gateway for Cancer Research is dedicated to funding innovative, patient-centric clinical trials to help patients with even the most advanced and challenging cancer types,” said Teresa Bartels, president of Gateway for Cancer Research. “We are proud to support Dana-Farber, a premier institution that shares our passion for discovering highly effective new therapeutic approaches in cancer care.” ■



## Joe Cronin Memorial reels in \$5 million to date

Fishing enthusiasts from all over New England attended the 23rd Annual Joe Cronin Memorial Fishing Tournament in August, to raise funds for Dana-Farber and the Jimmy Fund. The two-day event, held at the Nauticus Marina in Osterville, Mass., attracted more than 250 anglers competing for heaviest bass and bluefish, and raised \$310,000 for cancer research and patient care.

At the end of the competition, guests were treated to a raw bar,

dinner, and drinks under the tent. There were also silent and live auctions, and a speaking program featuring Joe Chabot, MS, director of Dana-Farber’s Jimmy Fund Clinic Pediatric Resource Program, and Dana-Farber patient Hilary Hall.

The tournament, which honors the life of the late Red Sox All-Star, American League President, and Baseball Hall of Famer Joe Cronin, has raised more than \$5 million for Dana-Farber since its inception in 1993. ■



Captains who generously donated their boats and time to make the Joe Cronin Memorial Fishing Tournament possible.

## D10 Decathlon raises more than \$150,000 in first year

The D10 Decathlon is a world-class athletic event that celebrates amateur athletes and their commitment to economic and social impact. Started in New York City in 2009, the event has raised more than \$7 million for pediatric cancer research, and expanded this past summer to Boston, Chicago, Houston, and San Francisco. One hundred percent of the funds raised are contributed to charity.

The inaugural Boston D10 Decathlon took place last summer at Brandeis University. Nearly 100 participants took part on a hot summer day with temperatures above 90 degrees, raising more than

\$150,000 for Dana-Farber. This event challenges athleticism and tests strength, skill, and endurance through 10 events: 400-meter run, football throw, pull-ups, 40-yard dash, dips, 500-meter row, vertical jump, 20-yard shuttle sprint, bench press, and 800-meter run.

“You cannot help but to be inspired by the community that formed around the Boston D10,” said David Maloney, founder and event producer. “The inaugural event raised \$150,000-plus from a collection of motivated, competitive, yet humble people who weren’t afraid to test their athleticism among their peers. The future is bright.” ■



Decathlon winners Aaron Gaide, Dino Rizzo, Steve Fox, and Scott Morris from Putnam Investments.

## GIVING PAGES

RAISING FUNDS TO CONQUER CANCER



Create your personalized Giving Page to help conquer cancer by raising funds for Dana-Farber and the Jimmy Fund and:

- Honor a loved one or encourage someone you know in cancer treatment
- Mark a special occasion
- Name a gene or zebrafish in Dana-Farber’s Gene Display or Zebrafish Display as a group

[MyJimmyFundPage.org](http://MyJimmyFundPage.org)



## Cutler gift propels prostate cancer precision medicine

Every day new stories appear in the media about cancer care, often offering conflicting advice and opinions. Institute Trustee Alice Cutler and her husband, Steve, recently made a \$100,000 gift supporting Anthony D'Amico, MD, PhD, chief of the Division of Genitourinary Radiation Oncology at Dana-Farber, whose prostate cancer research seeks to provide clarity in the often confusing landscape of cancer therapy.

"It is important to have investigators researching different treatment strategies and publishing findings that let patients know their care is on the right track," said Steve Cutler. "Dr. D'Amico and his entire staff are great at adding a reassuring voice to conversations about treatment, making sure patients understand and feel comfortable even with controversial or easily misunderstood topics."

The Cutlers were impressed with D'Amico's research on precision medicine for prostate cancer, using the biologic underpinnings of each patient's disease to guide their treatments.

"If patients don't understand the

markers or genes in their cancer, they may not realize that there are new treatment options available to them," said Cutler.

With the Cutlers' support, D'Amico is using precision medicine to refine treatment strategies for prostate cancer, particularly with regard to the cardiovascular effects of some hormone therapies.

"I'm so honored to have Alice and Steve's support for our research enabling precision medicine in the management of prostate cancer, the goal of which is to enhance curability while also minimizing side effects associated with prostate cancer treatment," said D'Amico. ■



Steve and Alice Cutler recently made a gift supporting precision medicine for prostate cancer.

## Jimmy Fund Little League still a hit in its 30th season



For 30 extraordinary seasons, Jimmy Fund Little League has engaged boys and girls participating in America's favorite pastime. The fundraising program offers kids an extended season of fun through organized tournaments and teaches them the importance of philanthropy. While scoring runs on the field, these young players strike out cancer off the field as they take part in fundraising activities including canister collections, homerun derbies, lemonade stands, and more.

It started in 1987 when Massachusetts Little League District

Administrator George Berardi and former Boston Red Sox players Rico Petrocelli and Mike Andrews were inspired to create a program allowing local kids to extend their baseball and softball seasons while raising critical funds for Dana-Farber and the Jimmy Fund. Thirty years and \$4.8 million later, the idea lives on as Jimmy Fund Little League presented by Extra Innings and Franklin Sports.

Today, carrying on his late father's passion and hard work, John Berardi serves as the Massachusetts Little League District 13 administrator and program coordinator for Jimmy Fund Little League. "I'm so proud of what this program has grown to be," John said. "It's quite humbling to see these kids work so hard for such an important cause, and to know what

a difference their hard work makes." John and his fellow dedicated district administrators organize hundreds of games each season, and with more than \$250,000 raised in 2016 alone, the program continues to be nothing short of a home run. ■



The Westborough Little League & Softball of Westborough, Mass., was the top fundraising team in 2016.

## President's Circle members enjoy special presentation



The President's Circle insider presentation in October provided a unique opportunity for our generous President's Circle members to learn about Dana-Farber's Center for Cancer Genetics and Prevention and its efforts to decrease cancer risk through its groundbreaking research. Timothy Rebbeck, PhD, explained the study of cancer through environmental and genetic factors to better understand its causes. Attendees enjoyed a reception prior to Rebbeck's presentation and an engaging post-presentation Q&A session.

At left, President's Circle members and guests with Timothy Rebbeck, PhD (sixth from left).

## Rally Foundation funds new therapeutic research in pediatric oncology



The Rally Foundation for Childhood Cancer Research empowers volunteers across the country to raise awareness and support for childhood cancer research, and funds the most promising and cutting-edge research across the country so that treatments with fewer long-term side effects and cures can be found for children battling cancer.

Over the past year, the Rally Foundation has awarded several grants totaling \$250,000 to Dana-Farber pediatric oncology researchers Kimberly Stegmaier, MD, co-director of the Pediatric Hematologic Malignancy Program and the Ted Williams Chair; Brian Crompton, MD; Angela Feraco, MD; Loretta Li, MD; and Hui Shi, PhD.

"We are extremely pleased that the Rally Foundation has chosen to support research in our department," said

Scott Armstrong, MD, PhD, chair of Pediatric Oncology. "These cutting-edge projects will work to identify new therapeutic opportunities for a number of different childhood cancers, and support research into methods to enhance communication between oncologists, patients, and their families."

This type of grant support is critical to launch new research for each of these investigators.

"The Rally Foundation sees itself as a philanthropic seed investor in the next great discovery," said Dean Crowe, founder and CEO, Rally Foundation. "Dana-Farber consistently submits creative and innovative research projects that Rally's independent peer-reviewers believe will lead to better treatments and ultimately cures for kids fighting cancer. We are thrilled to fund and partner with Dana-Farber's amazing doctors." ■

## Swim Across America powers survivorship programs

Kitty Tetreault has been leading the charge for the Boston Harbor Swim since Swim Across America started the fundraiser in 1996. The 20th anniversary in July marked one of the coldest days of the summer, but participants were in great spirits as they plunged into the harbor's chilly waters to support survivorship research.

The 2016 event was Tetreault's first as a survivor. In December 2015, a mammogram detected early stage breast cancer. Though Tetreault considered herself lucky, the treatment, involving surgery, radiation, and tamoxifen, wasn't easy. Tetreault found inspiration through the patients she has met over the years.

"I've seen so many kids in the clinic, and I thought, if they can do it, I can do it," she said. Tetreault drew strength from "the best doctors in the world," including her oncologist, Judy Garber, MD, director

of Dana-Farber's Center for Cancer Genetics & Prevention.

A competitive swimmer since age 9, Tetreault is energized by the community of loyal swimmers who come every year and continue to exceed their fundraising goals. "I see all these people year after year at the same event," said Tetreault. "They're like family."

This year's event raised more than \$140,000; all told, Swim Across America has raised \$2.7 million for Dana-Farber's David B. Perini, Jr. Quality of Life Clinic. A Swim fellowship also supports Clara Hungr, PhD, who works with patients as they transition to survivorship. ■



Kitty Tetreault, event director for Swim Across America, which has cumulatively raised more than \$2.7 million for Dana-Farber.



Mary, a Dana-Farber patient

## FIGHT CANCER WITH DANA-FARBER AND THE JIMMY FUND

Visit [DanaFarberGiving.org](http://DanaFarberGiving.org) to make your gift today



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Dana-Farber Cancer Institute provides expert, compassionate care to children and adults and is home to groundbreaking cancer discoveries. Since its founding in 1948, the Jimmy Fund has raised millions of dollars through thousands of community efforts to advance Dana-Farber's lifesaving mission.

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At the annual Medical Oncology Faculty meeting on Oct. 19, Massachusetts Governor Charlie Baker and Dana-Farber President and CEO Laurie H. Glimcher, MD, engaged in a wide-ranging discussion on the state of Massachusetts health care. Baker was fervent in his praise for Dana-Farber staff, saying that people often tell him about the "amazing" care they received here, "and are comforted by the fact that they are side-by-side with the very best when they are up against this terrible disease."

## CALENDAR OF EVENTS

For more information on all Jimmy Fund and Dana-Farber events and programs, go to [jimmyfund.org](http://jimmyfund.org) or [dana-farber.org](http://dana-farber.org)

### FEBRUARY 17

#### Palm Beach Breakfast with the Doctors

Discuss the latest breakthroughs with Dana-Farber physician-scientists at the Palm Beach Country Club, hosted by Event Chairs Robert Belfer, an Institute Trustee; his wife, Renée; Judy and Jim Harpel; and Vicki and Arthur Loring. Contact Karen Martins at 561-833-2080 or [Karen\\_Martins@dfci.harvard.edu](mailto:Karen_Martins@dfci.harvard.edu).

### FEBRUARY 17

#### Palm Beach Pre-Celebration Dinner

Join us for an intimate dinner with the Institute's pioneering physician-scientists and guest speaker Tom Brokaw, international journalist and author. Contact Karen Martins at 561-833-2080 or [Karen\\_Martins@dfci.harvard.edu](mailto:Karen_Martins@dfci.harvard.edu).

### FEBRUARY 18

#### Palm Beach Discovery Celebration

Join us for the premier event of our Palm Beach season: the 26th annual Discovery Celebration featuring a special performance by the award-winning David Foster. The event is hosted by Event Chairs Phyllis Krock, an Institute Trustee, and her husband, Richard, as well as Event Co-Chairs Institute Trustee Donald Dwares and his wife, Bonnie; Institute Trustee Robert Belfer and his wife, Renée; Institute Trustee Sandra Krakoff; Tom Quick; Institute Trustee Jean Sharf and her husband, Fred; and Honorary Chairs Judie Schlager, an Institute Trustee, and her husband, Larry. Contact Karen Martins at 561-833-2080 or [Karen\\_Martins@dfci.harvard.edu](mailto:Karen_Martins@dfci.harvard.edu).

### MARCH 24

#### Jimmy Fund Dance Party

Presented by Capital One

Join us for this intercollegiate, 12-hour, overnight event for students from New England colleges and universities to join together in the fight against cancer. To register or learn more, please contact Sarah Hunt at 617-632-5461 or [SarahW\\_Hunt@dfci.harvard.edu](mailto:SarahW_Hunt@dfci.harvard.edu), or visit [JimmyFundDanceParty.org](http://JimmyFundDanceParty.org).



### APRIL 1–AUGUST 12

#### Jimmy Fund Little League

Presented by Extra Innings and Franklin Sports

Little League teams throughout New England can fundraise to strike out cancer while continuing their season of play. Contact Sarah Hunt at 617-632-5461 or [SarahW\\_Hunt@dfci.harvard.edu](mailto:SarahW_Hunt@dfci.harvard.edu).



### APRIL 3

#### Rally for the Jimmy Fund

Presented by Sully's Brand

Give \$10 or more to wear your Boston Red Sox gear to work or school on Opening Day at Fenway Park while supporting the Jimmy Fund. Contact Andrew Cader at 617-632-5420 or visit [RallyfortheJimmyFund.org](http://RallyfortheJimmyFund.org).



### APRIL 15

#### B.A.A. 5K®

Conquer cancer by joining the Dana-Farber B.A.A. 5K fundraising team or supporting a Dana-Farber runner. To apply or learn more, contact Hayley Fishman at 617-632-1970 or visit [RunDanaFarber.org](http://RunDanaFarber.org).



### APRIL 17

#### Dana-Farber Marathon Challenge



Support our Dana-Farber Marathon Challenge team running the 2017 Boston Marathon® to raise funds for the Claudia Adams Barr Program in Innovative Basic Cancer Research. To support a DFMC runner or to volunteer, contact Jan Ross at 617-632-1970 or [dfmc@dfci.harvard.edu](mailto:dfmc@dfci.harvard.edu), or visit [RunDFMC.org](http://RunDFMC.org).

### APRIL 26

#### Susan F. Smith Center for Women's Cancers Executive Council Breakfast

This annual event in downtown Boston is a fundraiser and a forum for women to learn about advances in the treatment of breast and gynecologic cancers. Contact Julie Wood at 617-632-2984 or [SSCEC@dfci.harvard.edu](mailto:SSCEC@dfci.harvard.edu).

