



Roswell Park Alliance Foundation

2013 Annual Report

UP CLOSE & PERSONAL

“From the moment we met, he has been an inspiration to me and my work!”

– Dr. Eugene Yu with
Marshall Filip.

Story on page 14

CLOSE TO OUR HEARTS

Close your eyes and imagine a world without cancer! Many of us stubbornly believe that a cancer-free tomorrow is not only possible, but also a reality we help create and expedite. It was on this same sound foundation of hope, heart, opportunity and urgency that the Roswell Park Alliance Foundation was built.

Established in 1991, the Roswell Park Alliance Foundation is a 501(c)(3) not-for-profit organization that manages all donations made to Roswell Park Cancer Institute in support of scientific and clinical research, state-of-the-art medical care and activities that address the psychosocial needs of patients and families touched by cancer. Since its inception, over \$266 million has been raised to benefit the Institute's research, education and patient care programs. A meticulously prudent steward of the public's trust and confidence, Roswell Park is consistently ranked among the top charitable organizations for fiscal responsibility by Charity Navigator, the nation's leading charity evaluator.

Our priorities...

- Scientific research seed funding for projects showing the greatest potential to save lives
- State-of-the-art medical/scientific technology and shared resources
- Capital support for Institute-wide building, clinic and center growth
- Quality-of-life programs benefiting patients and families

Deciding How Our Dollars Are Spent

- Roswell Park's Scientific Advisory Committee – comprised of clinicians, scientists and administrative managers – meets twice annually to award research grants to Roswell Park investigators through a highly competitive application and review process.
- Quality-of-life grants are determined by a committee made up of those closest to Roswell Park patients – nurses, physicians and representatives from other patient care and support services.



Danni M. Pierini, Osteosarcoma Survivor

IT'S PERSONAL!

Dear Friends:



Lee C. Wortham
Chair, Board of Trustees
Roswell Park Alliance
Foundation

One in three of us will develop some type of cancer in our lifetime. Some of us will be told that, because of our lifestyle and/or heredity, we have a higher-than-average personal risk of developing this disease. The reality is that every one of us knows someone...or may even be that someone...whose life has been forever changed by cancer. If that doesn't make the fight personal, then what does?

For the past several years, I have had the privilege of serving at the helm of a dynamic community of advocates who never give up or give in. The Roswell Park Alliance Foundation has been fighting the good fight on behalf of America's first cancer center for 22 years. From day one, each Foundation member has personally pledged and sustained the highest level of commitment to support an institution that means so much to so many; and the incredible successes that have carried the Foundation's signature stamp over the last two decades continue to astonish and amaze.

But the Alliance Foundation encompasses more than a single group of forward-thinking volunteers. We're an army of everyone! We rely heavily on the thousands of allies like you, whose donations – both big and small – fuel the momentum of scientific discovery and medical innovation at Roswell Park. We rely on those white-coated warriors at the lab bench or in the clinics who, through your donations, acquire the artillery and resources needed to fight cancer on the frontlines of research or to make the Roswell Park patient experience a quality one.

In this exciting new era of personalized medicine and the leadership role it plays in this arena, Roswell Park Cancer Institute is that much closer to realizing its mission:

To understand, prevent and cure cancer.

With your generous gifts of support, time and talent, we're closing in on, and closing ranks around, the several hundred diseases we call cancer. United in vision, hope and a can-do spirit, each one of us is that much closer to declaring a "personal" victory.

Thank you for making a difference.

An NCI-designated cancer center

CLOSE TO HOME

A National Cancer Institute (NCI)-designation of "Comprehensive Cancer Center" speaks volumes to the quality, integrity and robustness of Roswell Park's research – research that gives hope to so many and holds the key to tomorrow's advances and cures. Western New Yorkers have had an NCI-designated comprehensive cancer center in their own backyard since 1974.

An NCI designation is not only a federal stamp of approval for a quality cancer research program, but also affords Roswell Park and a select group of some 41 leading cancer centers a voice in the national cancer dialogue and an enviable seat at the table where critical decisions are made, quality of care and life is defined and measured, standards are reviewed, revised and raised, and the **needs of all cancer patients are represented and adequately addressed.**

Your continued support ensures that we remain national leaders in state-of-the-art cancer research and quality patient care.

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CLOSE UP: TOM FURLANI

Native Buffalonian Tom Furlani said he, like many people who don't have cancer, pretty much took Roswell Park for granted, but that all changed about three years ago when, at the age of 53, he was diagnosed with a retroperitoneal liposarcoma – big words for a rare cancer that literally and figuratively carried some weight for this Orchard Park, NY resident.

Tom's tumor was a hefty eight pounds.

Tom had a type of sarcoma, a cancer that arises from the tissue making up the body's "glue"—bone, muscle, fat, tendons, blood vessels, lymph glands and nerves. Early symptoms of a retroperitoneal liposarcoma, which develops in the abdominal cavity, are typically vague and non-specific, and may include stomach pain and cramping, a feeling of fullness and bloating. Because these symptoms are often casually dismissed by patients, retroperitoneal sarcomas can be very large at the time of diagnosis. Tom fit the classic patient profile to a "T." "I even ran my normal three miles the morning before I was diagnosed," he said.

It began with a trip to Buffalo General Hospital's Emergency Room: Tom complained of having a persistent stomachache that would not subside. The ER doctors ordered a CT scan. "The eight-pound tumor in my stomach was kind of hard to miss," said Tom. "I was immediately referred to Dr. Kane at Roswell Park Cancer Institute."

That "Dr. Kane" is John Kane, III, MD, Chief of the Sarcoma/Melanoma Service, Department of Surgery. "I heard many times that I was going to one of the best sarcoma doctors in the country, so I knew I'd be in good hands," said Tom. "Indeed, I can't tell you the number of people, who told me that Dr. Kane would be their surgeon of choice for their own families. It was comforting to hear those words, and they were right. Dr. Kane is everything you would hope your doctor would be."

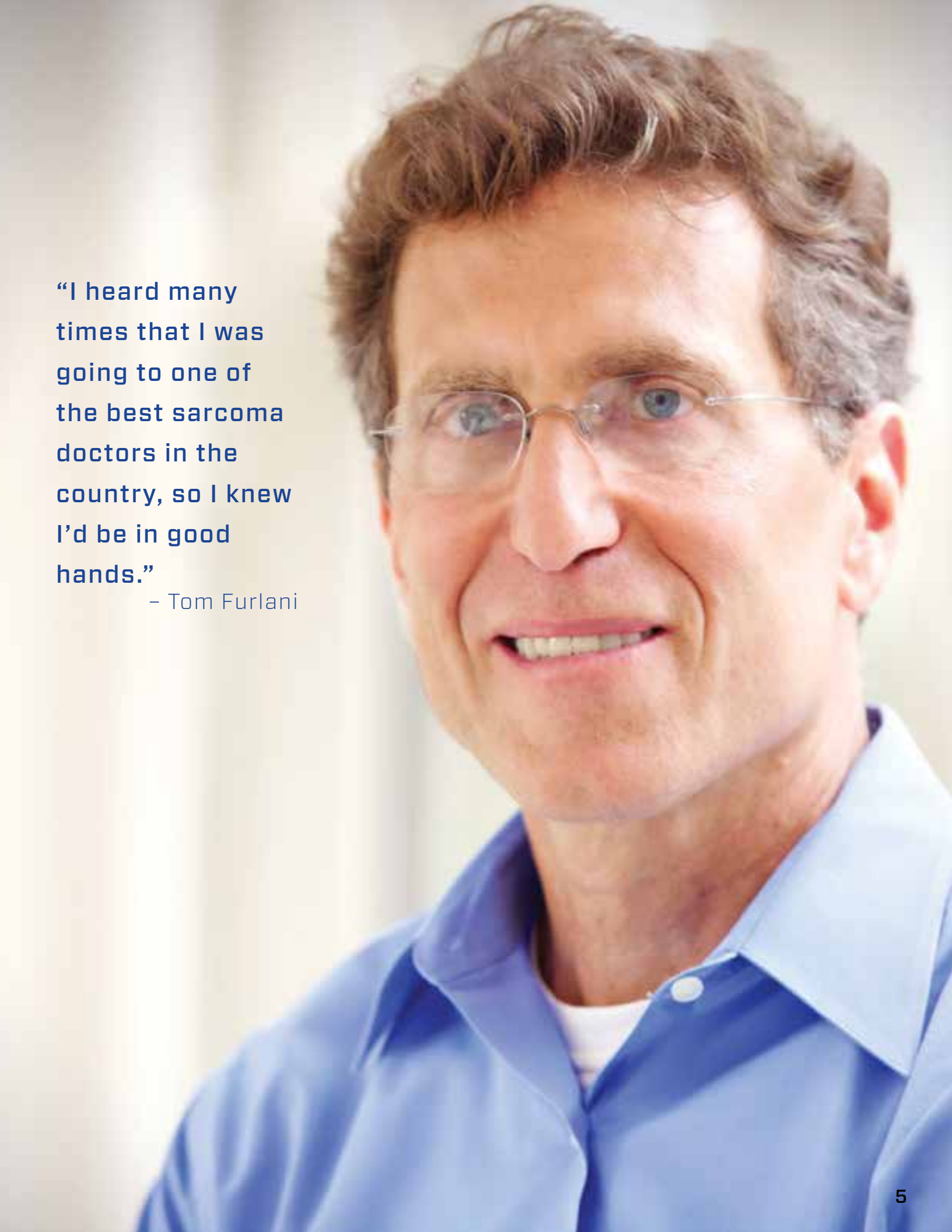
The recommended treatment was as aggressive as the tumor: 25 sessions of radiation therapy, led by Dr. Kilian May, followed by a 12-hour surgery. Tom's recovery was long and challenging, but he focused on getting better. "I wanted to be around for my first granddaughter who was born during my radiation treatments," he said.

Tom gives extra credit to the doctors behind the scenes – the Roswell Park pathologists – for accurately confirming his diagnosis. "Dr. Carl Morrison 'typed' my tumor and determined that it was low-grade. This meant everything to me because survival rates are much higher for low-grade tumors." A precise diagnosis is what drives treatment. If the pathology is wrong – and this is especially true for complex, rare diseases like sarcomas – everything that follows will be less than appropriate.

Sarcomas have at least 50 subtypes. "Each tumor subtype displays a unique behavior, has a unique biology and requires a unique treatment – making it important to seek personalized care from a team of physicians who specialize in this disease," said Dr. Morrison. In fact, sarcoma will be one of four cancers studied by researchers, including Drs. Kane and Morrison, in the new Center for Personalized Medicine (see page 34) in the hope of developing customized treatments based on a patient's DNA. Seeing an opportunity to help future sarcoma patients, Tom donated tissue from his tumor to aid in the Center's important research.

Today, Tom, who serves as the Director of the Center for Computational Research and Interim CIO at the University at Buffalo's Center of Excellence in Bioinformatics and Life Sciences, is cancer-free and gets checked every six months. "I may sound like a broken record, but I honestly can't say enough about the quality care I received at Roswell Park. We are fortunate to have such an exceptional comprehensive cancer center so close to home. Roswell Park gave me my life back."

We are fortunate to have such an exceptional comprehensive cancer center so close to home.



“I heard many times that I was going to one of the best sarcoma doctors in the country, so I knew I’d be in good hands.”

– Tom Furlani

AT CLOSE RANGE

Talk about a big bang! Over the last decade, the stunning collision of basic science, medicine, bioinformatics and technology has led to a radical shift in the way we study, diagnose and treat cancer. It's a new playing field marked by bold initiatives, elegant thinking and grassroots-to-global collaborations. It's a time of marvel and promise, of innovation, imagination and invention. It's a brave new world where vaccines and other exciting advances are springing from genomics and immunology laboratories and elbowing their way to the forefront of the burgeoning field of personalized medicine. And thanks to our extraordinary supporters, Roswell Park's own "dream teams" of researchers and clinicians are among those leading this biomedical revolution, making headway and headlines on every cancer front.

If at first you DO succeed, try, try again!

When it comes to developing new cancer treatments, good is encouraging, but better holds the trump card.

Just six months after researcher Fengzhi Li, PhD, Department of Pharmacology and Therapeutics, and his colleagues published exciting data that demonstrated that a new anticancer agent called FL118 was effective against human colon and head and neck tumors in animal models (PLoS ONE, 7:e45571, 2012), his team's follow-up study revealed that FL118 in a new formulation not only could be intravenously administered with low toxicity but also could improve drug effectiveness with much wider potential clinical application in controlling these types of cancers. The new study was published in the April 8 issue of the **American Journal of Translational Research** (Vol 3: 139-154, 2013).

FL118 is a targeted therapeutic agent that selectively inhibits the expression of four major cancer-survival gene products: survivin, Mcl-1, XIAP and/or cIAP2. While both studies tested the agent's effectiveness against models of head and neck and colon tumors, other research from Dr. Li's lab suggests that mesothelioma, ovarian and pancreatic cancers, and potentially other solid tumors, may also be good targets for treatment with FL118.

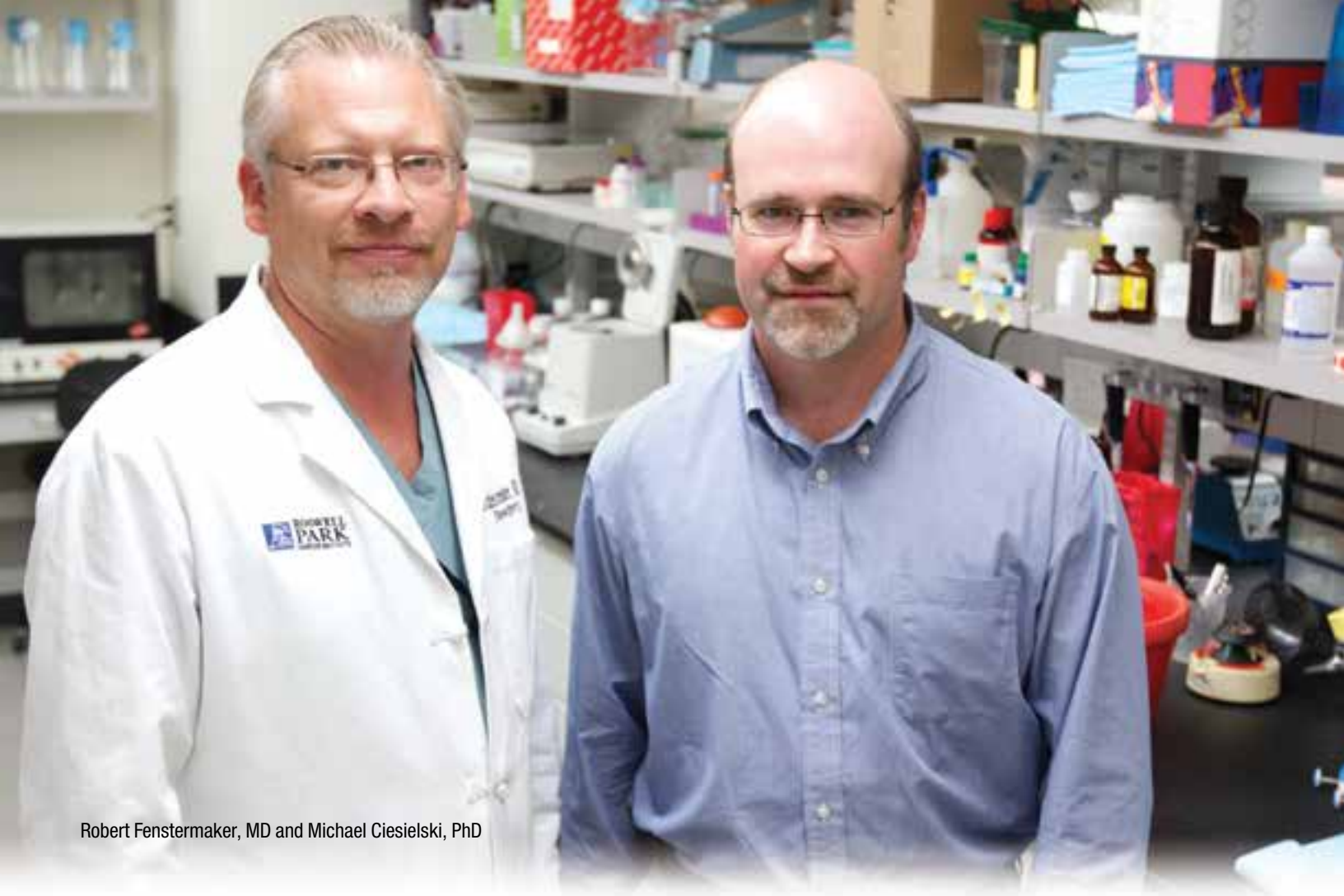
"This work represents a significant move forward," notes Dr. Li, senior author on the studies. "We're targeting four of the most resilient and pervasive cancer-survival mechanisms, and because the findings from preclinical testing have been so striking, we're anxious to see FL118 tested in the clinical setting."

The work was supported in part by grants from the U.S. Department of Defense, Mesothelioma Applied Research Foundation and Roswell Park Alliance Foundation, and by shared resources supported by the National Cancer Institute's Cancer Center Support Grant to Roswell Park.



Fengzhi Li, PhD

"We're targeting four of the most resilient and pervasive cancer-survival mechanisms, and because the findings from preclinical testing have been so striking, we're anxious to see FL118 tested in the clinical setting." – Dr. Fengzhi Li



Robert Fenstermaker, MD and Michael Ciesielski, PhD

Brain cancer vaccines: Found in translation

It may be the stuff that dreams are made of – at least, the dreams of those patients and families who are dealing with malignant gliomas, a group of brain cancers that are difficult to treat and often fatal. It's called SurVaxM, a new brain tumor vaccine developed at Roswell Park. In our 2011-2012 annual report, we announced that the vaccine was being tested in a phase I clinical trial. That trial, which is expected to be completed early this fall, is testing the safety and immunological effects of the vaccine in patients with two types of brain cancer: glioblastoma multiforme and anaplastic glioma.

The peptide vaccine, pioneered in the laboratory at Roswell Park by Robert Fenstermaker, MD, and Michael Ciesielski, PhD, targets a small protein molecule called survivin, which is produced by over 80 percent of all brain cancers. Survivin, which helps cancer cells “survive” under stressful conditions, is present almost exclusively in diseased cells.

“Our vaccine, SurVaxM, puts cancer cells in a Catch-22,” said Dr. Fenstermaker, who is Chair of the Department of Neurosurgery and Director of the Institute’s Neuro-Oncology Program. “It stimulates the immune system to recognize survivin as a foreign molecule and kill tumor cells in the process. However, if the cancer cell turns off survivin, it usually becomes more susceptible to the effects of chemotherapy.”

Encouraged by the vaccine’s early successes in preclinical studies, and armed with the new knowledge gleaned from this most recent clinical trial, Dr. Fenstermaker and his research team plan to move into the next phase of research – a phase II clinical study – in early 2014, provided that funding and FDA approval are in place.

In phase II, the vaccine, used in combination with standard chemotherapy, will be tested in patients with newly-diagnosed glioblastoma multiforme. Dr. Fenstermaker said that several studies will be needed to determine the vaccine’s role as a cancer treatment, but if its promise is borne out in larger clinical studies, other types of survivin-producing cancers, such as multiple myeloma and prostate and ovarian cancers will need to be tested individually.

The trial, the fifth major clinical research study launched through Roswell Park’s Center for Immunotherapy, is yet another compelling example of the seamless bench-to-bedside continuity that is characteristic of quality translational research.

Other examples of recent cutting-edge advances in...



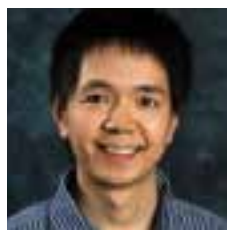
Vita M. Golubovskaya, PhD

Brain Cancer

Vita M. Golubovskaya, PhD, Department of Surgical Oncology, and her research team demonstrated for the first time that by inhibiting the protein focal adhesion kinase (FAK), the compound CFAK-Y15 can effectively thwart the growth of glioblastoma tumors, the most common and aggressive type of brain cancer. In many cases, CFAK-Y15 appears to cause tumor shrinkage – especially when given in combination with the standard chemotherapy agent temozolomide.



Christine Ambrosone, PhD



Song Yao, PhD

Breast Cancer

A research team of scientists from four leading U.S. academic centers and led by Roswell Park researchers Song Yao, PhD, and Christine Ambrosone, PhD, Department of Cancer Prevention and Control, found that specific genetic variations in the vitamin D receptor and in CYP24A1 (responsible for deactivating vitamin D) are associated with an increase in breast cancer risk – particularly for ER-negative breast cancer – for African-American women.



Yasmin Thanavala, PhD

Liver Cancer

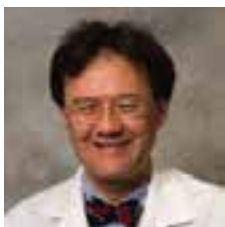
Yasmin Thanavala, PhD, Department of Immunology, and her colleagues have discovered how a common and cleverly resilient form of liver cancer, called hepatocellular carcinoma (HCC), evades the body's natural antitumor responses. The study is the first to examine the combined effect of immunosuppression on immune function in advanced HCC, the fifth most common cancer in the world and the third leading cause of cancer-related mortality globally.



Kunle Odunsi, MD, PhD

Melanoma, Ovarian Cancer

Preclinical and phase I studies have shown that poxviruses can be safely and effectively incorporated into immune-based cancer therapies. Kunle Odunsi, MD, PhD, Chair of the Department of Gynecologic Oncology and Director of the Center for Immunotherapy, and his colleagues, both in the U.S. and abroad, conducted two parallel phase II clinical studies using modified versions of the smallpox and fowlpox viruses, engineered to express the specific NY-ESO-1 antigen, in patients with ovarian cancer and melanoma. The treatment extended average patient survival several months in both groups. Results of these international studies were published in **PNAS, Proceedings of the National Academy of Sciences of the United States of America**. The researchers, cautiously optimistic, believe the therapy's early promise will be borne out in larger clinical studies.



Philip L. McCarthy, MD

Multiple Myeloma

Results of a national multiple myeloma study, led by Philip L. McCarthy, MD, Head of the Blood and Marrow Transplant Center, Department of Medicine, revealed that long-term “maintenance” therapy with the drug lenalidomide significantly improved overall survival and decreased by half the risk of disease progression following induction therapy and hematopoietic stem-cell transplant. Results from this multi-institutional study – the first of its kind for multiple myeloma – were published in the **New England Journal of Medicine**.



Shahriar Koochekpour, MD, PhD

Prostate Cancer

A team of investigators from three institutions, led by Shahriar Koochekpour, MD, PhD, Department of Cancer Genetics, has for the first time produced data showing that levels of serum glutamate, a naturally-occurring nonessential amino acid that plays a key role in cancer metabolism, are increased in patients with primary and metastatic prostate cancer. The researchers also uniquely demonstrated that glutamate deprivation significantly decreases the growth, migration and invasiveness of prostate cancer cell lines, suggesting potential clinical applications.



Seed funding to

CLOSE THE GAP

Many of our donors ask: Where does my money go? What does it support?

Most unrestricted donations to Roswell Park support research initiatives, and often provide the seed or bridge funding for promising pilot studies. At a time when fiscal belt-tightening means fewer available dollars for critical cancer research, early evidence-based results strengthen future funding applications to federal granting agencies, such as the National Institutes of Health, and major cancer foundations and organizations. On average, every dollar donated to Roswell Park helps generate an additional seven dollars in new grant funding, thanks to research results our donors help our researchers achieve.

Over this past fiscal year, the Alliance Foundation Board approved funding of **41 applications** for a total of nearly **\$1.8 million**. Here is a sampling of the projects that were funded.

Scott Abrams, PhD, Department of Immunology, Defining a Unique Role of a Tumor Suppressing Gene in Childhood Leukemia

Marina Antoch, PhD, Department of Molecular and Cellular Biology, Exploring Genetic Pathways to Slow Down Aging and Reduce the Risk of Age-Related Cancers

Andrei Bakin PhD, Department of Cancer Genetics, Understanding the Chemogenomics of TAK1-dependent Breast Cancer Cell Death

David Bellnier, PhD, and Sandra Gollnick, PhD, Department of Cell Stress Biology, Combining Photodynamic Therapy with Surgery to More Effectively Destroy Cancer Cells

Gokul Das, PhD, Department of Pharmacology and Therapeutics, Exploring Drug Resistance in Estrogen Receptor-positive Breast Cancer; and Listening to Estrogen Receptor Beta and Tumor Suppressor p53 "Crosstalk" in Non-small Cell Lung Cancer

Peter Demant, MD, PhD, Department of Molecular and Cellular Biology, Studying the Genetics of Adverse Drug Reactions in Patients with Advanced Cancer of the Colon and Other Organs

John Ebos, PhD, Department of Medicine, Exploring Kidney Cancer's Resistance to Certain Cancer Therapies

Elizabeth Griffiths, MD, Department of Medicine, Conducting A Phase I/ Pilot Immunotherapy Study of Decitabine and the NY-ESO-1 Vaccine to Treat Myelodysplastic Syndromes

Hannelore Heemers, PhD, Department of Urology, Developing and Testing New Strategies to Block Androgen Action in Prostate Cancer

Andrew Hyland, PhD, Department of Health Behavior, Exploring the Link Between Tobacco Use and the Effectiveness of Cancer Treatment

Aimin Jiang, PhD, Department of Immunology, Uncovering New Ways to Harness the Power of the Body's Immune System to Fight Cancer; and Improving the Effectiveness of Dendritic Cell Vaccines

Danuta Kozbor, PhD, Department of Immunology, Using Virally-delivered Therapeutic Genes to Inhibit Breast Cancer Tumor Growth and Unleash Immune Responses

Kelvin Lee, MD, Department of Immunology, Examining How Multiple Myeloma Cells Adapt to Oxidative Stress and Survive

Fengzhi Li, PhD, Department of Pharmacology and Therapeutics, Exploring How an Antitumor Drug Selectively Kills Invasive Colorectal Cancer Cells

Roberto Pili, MD, Department of Medicine, Expanding the Genitourinary Program's Clinical Databases; and Genomic Profiling of Renal Cancer

Nicoletta Sacchi, PhD, Department of Cancer Genetics, Identifying the Molecules Implicated in the Genetic Aberration Leading to Childhood Leukemia

Brahm Segal, MD, Department of Medicine, Examining New Ways to Delay Tumor Progression and Enhance Vaccine Efficiency in the Treatment of Ovarian Cancer

Anurag Singh, MD, Department of Radiation Medicine, Nestor Rigual, MD, Department of Head and Neck Surgery, and Barbara Henderson, PhD, Department of Cell Stress Biology, Phase II Clinical Study of a New Photodynamic Therapy Drug and its Role in Treating Head and Neck Cancers

Dominic Smiraglia, PhD, Department of Cancer Genetics, Determining the Genetic Mutations that Contribute to the Development and Spread of Pancreatic Cancer

Ashwani Sood, PhD, Department of Immunology, Exploring the Role of PDEF-antigen Immunotherapy in Treating, Preventing Breast Cancer

Lara Sucheston, PhD, Department of Cancer Prevention and Control, and Theresa Hahn, PhD, Department of Medicine, Identifying, through Genomics, the Markers That Cause Acute Myeloid and Lymphoblastic Leukemias

Li Tang, PhD, Department of Cancer Prevention and Control, Targeting Androgen Regulators to Fight Therapy-Resistant Prostate Cancer

Mark Travers, PhD, Department of Health Behavior, Feasibility Study to Determine Acute Effects of Tobacco Product Use

Anna Woloszynska-Read, PhD, Department of Pharmacology and Therapeutics, Examining the Genomic Landscapes of Bladder Cancer

Song Yao, PhD, Department of Cancer Prevention & Control, Unlocking the Cause of Treatment-Related Leukemia Through Next-Generation Sequencing Technology

RPCI and JP Wilmot Cancer Center/University of Rochester Launch Pilot Projects

In 2010, Roswell Park partnered with the James P. Wilmot Cancer Center at the University of Rochester to create a powerhouse collaboration for cancer research and treatment. This unique partnership offers enormous potential for further raising the bar on cancer care and research in the Western New York region and beyond.

To date, two rounds of seed grants totaling \$1.6 million have been awarded to 16 collaborative teams of investigators from each of our organizations. Here are just three examples of studies that are underway as a result:

Nathalie Zeitouni, MDCM, FRCPC, Department of Dermatology at Roswell Park Cancer Institute, and Lei Xu, PhD, Biomedical Genetics Department at the James P. Wilmot Cancer Center; launched Identifying Markers for Tumor Initiating Cells in Metastatic Melanoma.

Christine B. Ambrosone, PhD, and Song Yao, PhD, from the Department of Cancer Prevention and Control at Roswell Park Cancer Institute and Michelle C. Janelsins-Benton, PhD, Gary R. Morrow, PhD, and Charles Heckler, PhD, from the School of Medicine and Dentistry at the James P. Wilmot Cancer Center; launched Growth Factors, Longevity Factors and Cognitive Function in Cancer Patients Receiving Chemotherapy.

Sharon S. Evans, PhD, Department of Immunology at Roswell Park Cancer Institute, and John Frelinger, PhD, School of Medicine and Dentistry at the James P. Wilmot Cancer Center; launched Improving T-Cell Trafficking to Tumors Using a Novel Approach for Chemokine Delivery.

On average, every dollar donated to Roswell Park helps generate an additional seven dollars in new grant funding...

A close-up portrait of Ben Seon, PhD, an older man with dark hair and glasses, wearing a white shirt and a striped tie. He is looking slightly to the right of the camera with a gentle expression.

CLOSE UP: BEN SEON, PhD

“For me and other researchers like me, donor dollars are critical, and help fast-track promising new therapies.”
– Ben Seon, PhD

Roswell Park immunologist Ben Seon, PhD, Professor of Oncology, is familiar with the ripple effects of seed funding. After receiving an Alliance Foundation grant to jumpstart initial laboratory studies on monoclonal antibodies that starve cancer tumors and eradicate cancer cells, Dr. Seon went on to secure a federal grant of \$3.1 million to continue his research. **Today, he holds patents for two novel cancer therapy antibodies that are currently in clinical studies, a significant achievement in the cancer-drug development process.** “There was a continuity and momentum in the research process, facilitated and accelerated by our first Alliance Foundation grant,” said Dr. Seon. “For me and other researchers like me, these dollars are critical, and help fast-track promising new therapies.”

Encouraging, validating

PERSONAL BEST

The groundbreaking research of Roswell Park scientists has attracted funding from a variety of private foundations, including those with a particular focus on specific cancer types.

Private Foundations that supported Roswell Park in 2012-2013

Association for Research of Childhood Cancer
Bethesda Foundation
Breast Cancer Coalition of Rochester
Charlotte Geyer Foundation
Community Foundation for Greater Buffalo
John R. Dishei Foundation
LIVESTRONG Foundation

Margaret L. Wendt Foundation
Richard W. and Mae Stone Goode Trust
Susan G. Komen for the Cure
Susan G. Komen Western New York
Terri Brodeur Breast Cancer Research Foundation
The Breast Cancer Research Foundation
The Children's Guild Foundation



CLOSE UP: EUGENE YU, PhD

Research laboratories around the world are using a genetic model for Down syndrome that was developed in the lab of Eugene Yu, PhD, Department of Cancer Genetics.

Dr. Yu's research focuses on identifying the causative genes underlying Down syndrome-associated medical conditions and disabilities with the goal of developing effective treatments. Affecting more than 400,000 people in the U.S., Down syndrome is the most common genetic cause of developmental and intellectual disabilities in children. Recently, Dr. Yu's work received a major boost from The Children's Guild Foundation in the form of a \$250,000 grant. In 2010, a grant from the Foundation established The Children's Guild Foundation Down Syndrome Research Program at Roswell Park.

Why conduct research on Down syndrome at a dedicated cancer facility like Roswell Park? According to Dr. Yu, there are at least three good reasons:

1. Individuals with Down syndrome have an increased risk of developing very specific types of childhood leukemia.
2. Individuals with Down syndrome are, paradoxically, resistant to several types of cancer including breast and colon cancer.

The third reason brings a broad smile to Dr. Yu's face. "I guess you could say it's entirely personal," said the scientist. "It's a reason that became clear to me in a chance meeting with a boy named Marshall Filip. From the moment we met, he's been an inspiration to me and my work!"

Eleven-year-old Marshall has Down syndrome. His mom Renee, a board member of The Children's Guild Foundation, had met Dr. Yu for the first time three years ago when The Foundation made its initial grant.

"After meeting Dr. Yu, I was excited for Marshall to meet him," said Renee. "I guess the feeling was mutual. Dr. Yu showed Marshall around his lab and they had lunch. Seeing them together, holding hands, was a magical moment for me."

That first encounter grew into a cherished and enduring friendship, and the two enjoy exchanging meaningful gifts. Dr. Yu recently gave his young friend a lab coat with the name Marshall embroidered on it, an "official" lab notebook, and a stuffed animal that Marshall affectionately named "Dr. Yu." In turn, Marshall presented his favorite researcher with a handmade clay mouse that symbolized the genetically-engineered animal models in Dr. Yu's lab.

"I see Dr. Yu's world of brilliance and research and Marshall's world of Down syndrome coming together, and I'm encouraged by the impact Dr. Yu's work will have on people like Marshall, or maybe even Marshall, someday," Renee said. "We are extraordinarily grateful for his passion and commitment to understanding Down syndrome and the way he goes about his work."

Dr. Yu's laboratory is one of only a very few in the world with the capability to replicate complex chromosomal changes known as Trisomy 21, which is the genetic cause of Down syndrome. In the United States, Trisomy 21 occurs in approximately one in 691 live births.

Dr. Yu and his team developed a research model that UK researchers, in a 2011 commentary in *Disease Models & Mechanisms*, referred to as "the most complete Down syndrome model currently available." Research models have been distributed to 18 leading research teams to support Down syndrome research worldwide. The models were also distributed to the Jackson Laboratory, a nonprofit medical research organization that facilitates the sharing of genetic models to research laboratories. In April 2013, Dr. Yu was invited to participate in a National Institutes of Health roundtable conference that brought together an elite group of prominent scientists and government officials to help set the national agenda and strategy for Down syndrome policy and targeted research going forward.

Incorporated in 1910, The Children's Guild Foundation is focused on funding non-profit organizations that provide healthcare, research, education and therapeutic recreation services and programs for special-needs children. The Foundation also seeks to effect change, provide opportunities and promote inclusion and diversity for these children by advocating on their behalf within the focus areas.

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**“I’m encouraged by
the impact Dr. Yu’s
work will have on
people like Marshall,
or maybe even
Marshall, someday”**

– Rene Filip,
Board Member,
The Children’s
Guild Foundation
and mom to Marshall





Grateful for

CLOSE FRIENDS, CLOSE CONNECTIONS

We are most grateful for the dedication and generosity of an extraordinary community of supporters – individuals, foundations, corporations, volunteer groups and auxiliaries. Your financial donations are the lifeblood of our research efforts, and the confidence you place in Roswell Park provide the momentum for discovery and cure.

\$1,500,000 Plus

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Mr. and Mrs. Christopher Koch

\$1,000,000 - \$1,499,000

John R. Oishei Foundation

\$500,000 - \$999,999

Estate of Dorothy M. Mazurowski
M&T Charitable Foundation

\$250,000 - \$499,999

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The Children's Guild Foundation, Inc.
Mr. Philip H. Hubbell
Susan G. Komen for the Cure
Mr. and Mrs. Albert E. Maroone
Mrs. Barbara Oliver
Vincent & Harriet Palisano Foundation
Estate of Janine Torba
The Margaret L. Wendt Foundation

\$100,000 - \$249,999

Anonymous (2)
Mr. Scott R. Bieler
Breast Cancer Research Foundation
The Terri Brodeur Breast Cancer Foundation
The Joan and Larry Castellani Family
Mr. and Mrs. Donato Curcio
Mr. Thomas H. Fraunhofer/ELF Foundation
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\$50,000 - \$99,999

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BJ's Charitable Foundation
Breast Cancer Coalition of Rochester
Celgene Corporation
Chip In for Carly's Club
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Estate of Hillel J. Haas
The Habib Family
Mrs. Amelia J. Habib
Ms. Amy Habib Rittling
Mr. and Mrs. Anthony B. Habib
The Huntress and Abu-sitta Families
Dr. and Mrs. D. Bruce Johnstone
Local Edge
Mr. Brendan P. McCarthy
Estate of Robert A. Mueller
Mr. and Mrs. George F. Phillips, Jr.
Estate of Floyd C. Popp
Mr. and Mrs. Joseph E. Sahlen
Susan G. Komen Western New York
Jennifer Linscott Tietgen Family Foundation
Mrs. Martha K. Townson
Dr. and Mrs. Richard W. Turner
University at Buffalo
Upstate Pharmacy LTD
Estate of Bernice L. Ward
WGRZ-TV

† deceased

\$25,000 - \$49,999

Anonymous (3)
Association for Research of Childhood Cancer, Inc.
The Cameron and Jane Baird Foundation
Mr. and Mrs. Bruce Baird
Ms. Jessica Baird Alphonse
Mr. and Mrs. Brian Baird
The Bell Fund
Bison Baseball, Inc.
Mr. and Mrs. James Boldt
Mr. and Mrs. Gary Brost
Mr. and Mrs. Anthony Brunsing
Estate of John J. Burns
Edward H. Butler Foundation
Frank and Karyn Clesse
Mr. and Mrs. Anthony J. Colucci, Jr.
Crane Family Foundation
Cumulus Buffalo/Cumulus Media
Mr. and Mrs. Mark J. Czarnecki
Dunkin' Donuts
Eastman Foundation
Mr. and Mrs. Robert Stevenson
Dr. and Mrs.† William N. Godin
Mr. and Mrs. Robert Gratton
Mr. and Mrs. Brad H. Hafner
The Carlos and Elizabeth Heath Foundation
Dr. Francisco Hernandez
Mr. and Mrs. Bernard Hungerford
Mrs. Pamela R. Jacobs Vogt
Mr. and Mrs. Toby Kinerk
The Seymour H. Knox Foundation, Inc.
Mr. Benjamin K. Campbell
Mr. and Mrs. Hazard K. Campbell
Mr. Northrup R. Knox, Jr.
Mr. and Mrs. Seymour H. Knox, IV
Mr. and Mrs. Kenneth L. Koessler, Jr.
Lamar Outdoor Advertising
The Lawley Family
Mr. Todd Best and Mrs. Kathleen Lawley Best
Mr. Mark J. Lawley
Ms. Melissa Lawley
Mr. and Mrs. Michael R. Lawley
Mr. and Mrs. William J. Lawley, Sr.
Mr. and Mrs. William J. Lawley, Jr.
Mr. and Mrs. Christopher D. Ross
Leonard S. LoVullo Memorial Fund
Mader Construction Corporaton
Estate of Barbara B. Matthews
The McGrorty Foundation, Inc.
Estate of Victor H. Mohr
Moog Inc.
Mr. and Mrs. Daniel C. Mullan
The Mulroy Family Foundation
Northstar Location Services, LLC
Paddy's Hope, Inc.
The Pierce Family Charitable Foundation
Praxair Foundation, Inc.
Dr. and Mrs. Youcef Rustum
Friends of Diane (Dee) Sardo

The Lewis J. and Celia M. Serventi Family Foundation
Mr. and Mrs. Lewis J. Serventi
Ms. Debra Serventi Jones †
Ms. Michelle M. Rechberger
Mr. and Mrs. Edward H. Rechberger
The Steadfast Foundation
Superior Group
Union Concrete and Construction Corp.
Ms. Anne M. Virag
The Vogt Family Foundation
Mr. Peter A. Vogt
Mr. Peter J. Vogt
Mr. and Mrs. C. Jacob Schneider
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Mr. and Mrs. Phil Tremblay
The Vukelic Family
Mr. and Mrs. Eugene P. Vukelic
Mr. Peter Vukelic
Mr. and Mrs. Paul Vukelic
Mr. and Mrs. Robert G. Weber
Wegmans Food Markets, Inc.
West Herr Automotive Group
Mr. Arnold Zimmer

\$10,000 - \$24,999

Anonymous (3)
A Taste for Life
Mr. and Mrs. Philip C. Ackerman
Drs. Alex Adjei and Araba Adjei
Mr. Paul W. Babbitt and Mrs. Judith Van Nostrand
Ballpark Brew Bash
Bank of America Merrill Lynch Matching Gifts Program
Bedford's Greenhouse Plant for Hope
Bennett Family Yard Sale
Bikes for Boobs
Mr. and Mrs. Eric Bouskill
Ms. Irma M. Brandt
Buffalo Bills, Inc.
Buffalo Marathon
The Buffalo News
Carl Cammilleri Memorial Golf Tournament
Mr. and Mrs. Robert Carlone
Ms. Ellen Castle-Tagliarino
Chez Ann Salon & Day Spa
The Frank Ciminelli Family
Mr. and Mrs. Frank L. Ciminelli
Mr. and Mrs. John A. Ciminelli
Mr. and Mrs. Paul F. Ciminelli
City Mattress
Dr. and Mrs. Ian L. Cohen
Computer Task Group
Creditors Interchange Receivables Management, LLC
Mr. and Mrs. Joseph Curatolo
The Bruce Cuvelier Family Trust
The D-B Trust
Mr. and Mrs. John A. Mitchell
Ms. Anne H. Swift
Mr. and Mrs. Douglas G. Swift
Mr. and Mrs. Harlan J. Swift, Jr.
Delta Sonic Car Wash Systems

† deceased

Dr. Peter Demant
 Mr. and Mrs. Joseph DiNardo
 Alfred H. & Irene N. Dobrak Trust
 Mr. Franklin G. Downing
 DreamCatcher Foundation, Inc.
 Nicholas Dusenberry Memorial Golf Tournament
 Drs. Stephen Edge and Cynthia Swain
 The Elia Family
 Mr. Alan Elia
 Mr. Lawrence Elia
 Mr. Michael Elia
 Mr. Richard Elia
 Erie County Ares/Races
 Dr. Deborah Erwin and Mr. David A. Weeks
 Mr. and Mrs. Neil R. Farmelo
 Mr. and Mrs. Robert J. Fashano
 FedEx Trade Networks
 Ferguson Electric
 Fisher-Price
 Peter B. & Genevieve R. Flickinger Foundation
 Flynn & Friends, Inc.
 The Fors Family Foundation
 Mr. and Mrs. Scott Friedman
 Richard W. and Mae Stone Goode
 Guerrilla Video Solutions
 Mr. and Mrs. Mark E. Hamister
 Mr. and Mrs. Paul J. Harder
 Mr. and Mrs. Michael J. Hayes
 HealthTrac, Inc.
 The Jacquie Hirsch For A.L.L. Foundation
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 Mr. and Mrs. George Hoskins
 Mr. Roger L. Hungerford and Ms. Linda Limina
 Mr. Fred Jackson
 John W. Danforth Company
 JPMorgan Chase Foundation
 Dr. and Mrs. Kenneth R. Kahn
 Ms. Kathie A. Keller
 Cindy Kearney Memorial Breakfast
 Kieve Foundation
 The John & Mary Koessler Foundation, Inc
 The Paul J. Koessler Foundation
 Mr. and Mrs. Eric Koessler
 Mr. and Mrs. P. Joseph Koessler, Jr.
 Ms. Gretchen Koessler White
 Mr. Charles F. Kreiner, Sr.
 Kathleen Kremer Memorial Trivia Night
 Mr. and Mrs. Wilfred J. Larson
 Lebro's Fall Classic
 Lindsay's Legacy 5K
 Linstar, Inc.
 Livestrong Foundation
 The LoVullo Family
 Mr. and Mrs. Leonard T. LoVullo
 Mr. and Mrs. Paul LoVullo
 Mrs. Jeanne Marie LoVullo
 The Honorable and Mrs. Christopher Burns
 Mr. and Mrs. Kevin LoVullo
 Mr. and Mrs. Eric Bouskill
 Mr. and Mrs. Dave Pietrowski
 Millennium Pharmaceuticals, Inc.
 Marcella and Felix Mioducki
 The Marketing Grid
 Mr. and Mrs. Patrick A. Marrano
 Lorinda McAndrew Voelkle Foundation
 Dr. Edwin A. Mirand
 Modern Corporation
 MOD-PAC CORP
 Dr. and Mrs. James Mohler
 Molinaro's Italian Festival
 National Fuel Gas Company Foundation
 New Buffalo Shirt Factory, Inc.
 Mr. and Mrs. Donald F. Newman
 Horschel Nunweiler 5th Annual Memorial Golf Event
 Pactimo
 PDG Consulting, LLC
 Mr. and Mrs. Roger J. Peck, Jr.
 Mr. and Mrs. Richard Penfold
 Phillips Lytle LLP
 Ms. Karen L. Podd
 Prometheus Laboratories Inc.
 Tony Reid Memorial Mileage Challenge
 Retired Professional Fire Fighters Cancer Fund
 Rich Family Foundation
 The Rite Aid Foundation
 Ms. Sandra E. Royal
 Rupp, Baase, Pfalzgraf, Cunningham & Coppola, LLC
 Saddle Up for Roswell
 Saia Communications
 Mr. William H. Scott, Jr.
 Mr. Da'Norris Searcy
 Mr. and Mrs. R. Buford Sears
 Alice Schwendler's Trust
 Sterling United
 Estate of Stephen M. Street
 Subway (Portville Food Service LLC)
 Mrs. Alice M. Suor
 Swinging for a Cure
 Time Warner Cable
 Transit Valley Country Club Women's Organization – Pink on the Links
 Dr. Donald L. Trump
 TWG Holdings, Inc.
 Twin Village Recycling Inc.
 United Plate Glass
 Mr. and Mrs. John A. Wabick
 Mr. Jeffrey S. Weber
 Mr. Kevin Weber
 Mr. Donald E. Will
 Willson International Inc.
 Mr. and Mrs. Wayne D. Wisbaum
 World Gym Zumbathon
 Mr. Carl J. Yerkovich
 Mr. and Mrs. David M. Zebro
 Zemsky Family Foundation
 The Zenger Group, Inc.

Your financial
 donations
 are
 the lifeblood
 of our
 research
 efforts...

Permanent Endowments

(As of March 31, 2013)

Endowed Chairs: \$1.5 million+

The Alfiero Foundation Chair in Breast Oncology
(held by Stephen B. Edge, MD, FACS)

The Lawrence P. and Joan Castellani Family Chair in
Dermatology in honor of Allan R. Oseroff, MD, PhD
(held by Nathalie Zeitouni, MD)

The Garman Family Chair in Cell Stress Biology
(held by Andrei V. Gudkov, PhD, DSci)

The Katherine Anne Gioia Chair in Cancer Medicine
(held by Alex Adjei, MD, PhD)

The Barbara and George Hyde Endowed Chair in
Radiation Medicine
(held by Michael R. Kuettel, MD, PhD, MBA)

The Jacobs Family Chair in Immunology
(held by Kelvin Lee, MD)

The Waldemar J. Kaminski Chair in Pediatrics
(held by Martin L. Brecher, MD)

The M&T Bank Endowed Chair in Cancer Research
(held by Thomas B. Tomasi, MD, PhD)

The John and Santa Palisano Chair in Cancer Genetics
(held by Irwin H. Gelman, PhD)

The Roswell Park Alliance Foundation Chair in
Cancer Prevention
(held by James R. Marshall, PhD)

The Robert, Ann and Lew Wallace Chair in
Translational Research
(held by Candace S. Johnson, PhD)

Endowed Professorships: \$750,000 +

The Dr. William Huebsch Professorship in Immunology
(held by Elizabeth Repasky, PhD)

The Dr. Robert P. Huben Professorship in Urologic Oncology
(held by Khurshid Guru, MD)

Endowed Professorships: \$500,000 +

The M. Steven Piver, MD Endowed Professorship
in Gynecological Oncology
(held by Kunle O. Odunsi, MD, PhD)

Endowed Fellowships: \$750,000 +

The Shashikant B. Lele, MD Endowed Fellowship
in Gynecologic Oncology

Endowed Fellowships: \$500,000 +

The Rita DeRose Endowed Education Fellowship
The Dr. Edwin A. Mirand & Edwin M. Frantz Endowed Fellowship
The Scott & Henderson Endowed Fellowship

Endowed Funds: \$500,000+

Carly's Club Endowed Fund for Pediatric Cancer
The Rustum Family Endowment for
Translational Scientific Achievement
The Dennis Szeffel, Jr. Endowed Fund for Leukemia Research

The Wegmans Child Life Endowment Fund
The David Jay Dougherty Memorial Fund for Lung Cancer
Detection & Treatment

Endowed Funds: \$250,000+

The Catherine Cridler Endowed Fund for Nursing Education
The Honorable Dolores Denman Endowed Fund for
Gastric Cancer Research
The Friends of Children with Cancer Endowment
The Wilson & Dorothy Van Norstrand Endowment for
Cancer Research

Endowed Funds: \$100,000+

The Babcock Family Endowed Fund for Leukemia Research
in memory of Richard Newhall Babcock
The Rex E. Ballantine, Jr. Endowment for Lung Cancer Research
The Norman Bate Endowment for Prostate Cancer Research
The Buffalo Sabres Alumni Endowed Fund for Breast Cancer
Risk Assessment & Prevention
The West Herr Cancer Resource Center Endowment
The Carl Cammilleri Endowment Fund for Lymphoma Research
The Nicholas Dusenberry Endowment Fund for
Melanoma Research
The James L. Desiderio Endowed Fund for
Esophageal Cancer Research
The William J. Ertel, Jr. Endowed Fund for
Lung Cancer Research
The Robert & Martha Fierle Endowment for
Lung Cancer Research
The Sandra C. Genco Endowment for Excellence in Nursing
The Ann and Tracy Hartman Endowment for Cancer Research
The Waldemar J. Kaminski Park Endowment
The Betty Lee Endowment for Leukemia Research
The Sandra F. Lippes Cancer Research Fund
The Sandra F. Lippes Gynecologic Oncology Endowment
The Leonard S. LoVullo Endowment for Leukemia Research
The Barbara & Norman Oliver Endowment for
Melanoma Research
The Putter and Shantabai Shenoy Endowed Fund
for Diagnostic Radiology Training
The Pioneer Fund for Biomedical Research
(HWI/RPCI Collaborative)
The Margaret Weber Endowment for Pancreatic Research

Endowed Funds: \$50,000+

The Ricky R. Arnold Endowment for Patient Benefit
The Thomas C. Atwell, Jr. Endowed Fund for
Childhood Cancer Research
The Eileen Beauchamp Endowed Fund for Ovarian Cancer
Research and the Gilda Radner Familial Ovarian Cancer Registry
The Lisa Carbone Endowed Fund for Breast Cancer Research
The Arthur J. and Jean Graham Ennis Endowment Fund
for Cancer Research
The Fasolino Family Endowment for Pediatric Cancer Research

The Shane G. Ferguson, MD, Kids Create Hope Endowed Fund
 The Mary Deane Freeland Endowed Fund for Pediatric Research
 The Gratwick Family Endowed Fund for Cancer Research
 The Jane Highlander Endowed Fund for Gynecologic Oncology
 The Jayne and Phil Hubbell Endowed Fund
 The Matthew & Julie Endowment Fund for Gastrointestinal Cancer Research
 The Robert E. Rich, Sr. Endowment Fund for the Head & Neck Center in memory of Dr. John M. Lore, Jr.
 The Dr. Kumao Sako Endowment Fund for Head & Neck Cancers
 The Linda Scime Endowment Fund for Brain Tumor Research
 The Andrew & Mary Scoma Endowment for Head & Neck Cancer Research and Diagnostic Imaging
 The Andrew Sobczyk Endowment for Cancer Research
 The Stefanie Spielman Endowed Fund for Breast Cancer Support Programs
 The Joseph Takats Family Endowed Fund for Pediatric Programs
 The Kenneth R. Weishaupt Memorial Fund for Lung Cancer Research
 The J. Barnett Woodruff Family Endowment for Gastrointestinal Cancer Research
 The Mary Lou McNamar Woodside Endowed Fund for Brain Cancer Research
 The Matthew P. Zaleski Endowed Fund for Gastric Cancer Research

Endowed Funds: \$25,000+

The Frank & Jean Acciari Endowment Fund for Melanoma Research in the Department of Immunology
 The Patricia L. Banks Endowment Fund for Lung Cancer Research

The K. Michael Cummings, PhD, Endowed Fund for Tobacco Control
 The Joseph and Kathleen Curatolo Endowment for Pediatric Quality of Life Projects
 The Nancy C. Cully Endowed Fund for Leukemia Research
 The Dintino Family Endowed Fund for Quality of Life Programs
 The Dale J. Englehart Endowed Fund for Multiple Myeloma Research
 The Donald A. Gage Patient Benefit Endowment
 The Joseph L. and Emily K. Gidwitz Endowment Fund for Cancer Prevention & Outreach
 Lisa's Legacy Endowed Fund for Colon Cancer Research
 Dr. Enrico Mihich Lecture Series
 The McDonald-Miller Family Endowment Fund for Skin Cancer Research
 The Laura and Arthur Moran Golden Anniversary Cancer Research Fund for Mesothelioma & Non-Hodgkins Lymphoma
 The Richard B. Morchan Endowment for Gastrointestinal and Esophagea Cancer Research
 The Allan R. Oseroff, MD, PhD Endowed Fund
 The Amber Lynn Osgood Endowment for Sarcoma Research
 The Kathleen L. Peterson Endowed Fund for Gastrointestinal Cancer Research
 The Helene & Edward I. Seeberg Endowed Fund for Prostate Cancer Research
 The Heidi Schmidtke Endowed Fund for Leukemia Research
 The Dr. Thomas C. Sist Endowed Fund for Pain Medicine Studies
 The Anna C. Smerka Endowment for Cancer Prevention & Outreach
 The Dr. Leonard Weiss Lecture Endowment (on Cancer Metastasis)
 The Rose Whalen Endowed Fund for Bladder Cancer Research

Future Bequest Commitments

The Dearnley Young Scholars Program for the Summer Student Program
 The Dr. Shashikumar R. Harvey Endowed Fund for Gastrointestinal Cancer Research
 The Plenz Endowment



Leukemia survivor John Barry and his wife, Molly.

PERSONAL ATTENTION

means a quality experience

Roswell Park's many support services are designed to make the Roswell Park experience a positive one for patients and their families. Your donations may be applied to Quality-of-life grants, which help fund many of these essential programs and amenities. Applications for funding are submitted by Roswell Park departments and are competitively reviewed annually by a committee made up of staff and board members.

Examples of Funded Quality-of-life Programs:

Helping Children and Parents Face Cancer

Treating the psychosocial aspects of cancer is as important as treating the disease. Nowhere is this more crucial than with pediatric and teen patients. A Quality-of-life grant supports a dedicated child-life psychologist who specializes in the unique needs of young cancer patients and their families. It also supports a program that works with children who have a parent with cancer.

Treating Mind and Body

People often turn to prayer and their faith traditions to help them cope with the challenges of cancer. But because state and federal dollars cannot pay for religious support services, a Quality-of-life grant is awarded each year to fill the void. The Pastoral Care program employs five chaplains of different faiths, and support is also provided upon request from 34 additional faith leaders, ensuring that patients and their families have 24-hour access to the most appropriate and personalized spiritual counsel. Donations also pay for a comprehensive End-of-life Program that includes remembrance services and grief education programs.

The Art of Healing

Studies have shown that patients who engage in artistic activities in a hospital environment tend to feel less bored, sad and anxious. The Artists-in-Residence Program, part of the Arts in Healthcare Initiative of the University at Buffalo's Center for the Arts, has played a strong supporting role in patient care at Roswell Park since 2008. The program, funded entirely by donations through a Quality-of-life grant, has brought in musicians, storytellers, sculptors, painters and other artists to work with, entertain and provide a welcome diversion for our patients.

The Healing Touch

Roswell Park recently launched a Healing Touch pilot program through a Quality-of-life grant from the Roswell Park Alliance Foundation and Carly's Club. Healing Touch is a relaxing, non-invasive complementary therapy that uses touch gently on or above the body to clear, balance and energize the body's energy field and centers to achieve physical, mental, emotional and spiritual well-being. Recognized by the National Center for Complementary and Alternative Medicine (a branch of the National Institutes of Health) as a companion therapy to standard clinical care, Healing Touch has been associated with decreases in treatment side effects – fatigue, stress, anxiety, depression and pain – in cancer patients; and has been shown, in some cases, to aid in post-surgical recovery.



Helping children & parents



Artists-in-Residence



Healing Touch

Support services are designed to make the Roswell Park experience a positive one for patients and their families.

PASS THE HARDHATS!



This spring, Roswell Park broke ground on its new **Clinical Sciences Center (CSC)**, marking the first new construction on the Roswell Park campus since 2007, and the first clinical expansion since 1998. The 11-story, **142,000 square-foot facility** will be located at the corner of Michigan and Carlton streets. Funding for this building was made possible through generous donations to Making Room to Save Lives: The Campaign to Build a Greater Roswell Park. The campaign kicked off in June 2011 with a generous **\$10 million donation from the “Circle of Ten”** – a collaborative gift from 10 business and philanthropic leaders in Western New York. Since its launch, this campaign garnered hundreds of donations, including a \$1 million gift from Roswell Park employees and a \$1.5 million gift from New Era Cap.

The CSC will house an expanded Chemotherapy Clinic (doubling the size of the current Chemo Clinic) that will offer patients a picturesque view of Buffalo’s skyline; a Breast Center that will offer community mammography services; and a Patient Education/Survivorship Center. Construction is expected to be completed by Fall 2015.



“OUR PERSONAL PLANS

include Roswell Park”

Planned gifts – also known as legacy gifts – can be made through bequest intentions, charitable trusts, gift annuities, life insurance and other means. A planned gift to Roswell Park ensures that the Institute’s future remains strong, its research program robust and advancing, and its patient care exceptional.

The reasons behind legacy giving are as personal as they are varied. Some gifts are from grateful patients who want to “give back” for the excellent care they received at Roswell Park. Others are from families who have lost a loved one to cancer and want to help future generations of cancer patients. Still others simply want to continue to support a cause they believed in during their lifetimes. Whatever the reason, planned giving is a timeless expression of support and sends a powerful message about both the priceless personal rewards and far-reaching impact of philanthropy.

Legacy Gifts*

Anonymous (25)
Ms. Shirley Acciari
Mr. and Mrs. Michael Ameroso
John and Elizabeth Angelbeck
Dr. C. William Aungst
Paul W. Babbitt and Judith Van Nostrand
Mr. Charles Balbach
Mrs. Barbara J. Ballantine
Allene Phillips Barans
Mr. Scott Bieler
Mrs. Mary Catherine Bogner
Mr. Gregory Bonk
Mrs. Richard F. Briggs
Mr. Philip J. Brunskill
Mrs. Jean Burke
Mr. and Mrs. Robert Burnett
Ms. Mary Elizabeth Bush
Mr. and Mrs. Paul Calabrese
Ms. Ruth Callan
Dr. William and Jennifer Cance
Mr. and Mrs. Robert C. Carver
Mrs. Ann E. Celani
Mr. Mark E. Celmer
Dr. T. Ming Chu
Mr. and Mrs. Anthony J. Colucci, Jr.
Mrs. Joan Crane
Mr. and Mrs. Truman Crawford
Mr. Gary Crosby
Mr. and Mrs. Jay B. Crosby
Dr. Nancy Cunningham
Mrs. Kathleen M. Curatolo
Ms. Marion F. Dearnley
Mr. George Decker
Ms. Catherine Dinneen
Mrs. Sharon R. Dominguez
Ms. Ninette A. Dusenberry
Mr. Adam Dzimian
James and Cindy Eller
Dr. Joan Englehart
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Mr. Robert J. Fashano
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Ms. Joan Fellows
Ms. Betsy Ferguson
Reverend Dr. Whitworth Ferguson
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Ms. Diane Giuliano
Ms. Ellen Goldstein
Rev. Dr. Geri Lyon Grande
Ms. Dorothy Griffin
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Kevin and Kim Guido
Dr. Hira L. Gurtoo
Ms. Jean Hackenheimer
Francine S. Hall, Ph.D.
Mr. John Hannon
Mrs. Ann Hartman
Mrs. Geeta Harvey
Dr. Janice Hastrup
Mr. and Mrs. G. Wayne Hawk
Ms. Barbara Heller
Dr. Barbara W. Henderson
David and Lucinda Hohn
Nancy Bartels Holiman
Mr. and Mrs. W. J. Howell
Mr. Philip H. Hubbell
Mr. Charles A. Hunt, Jr.

Ana M. Hurd
Mrs. Barbara Hyde
Mrs. Nancy H. Jewett
Candace S. Johnson, PhD
Dr. and Mrs. D. Bruce Johnstone
Mr. Joseph J. Joller
Janet Jones
Dr. Kenneth and Linda Kahn
Dr. Surabhi Kakati
Mr. Stephen Kalota
Mrs. Elaine Wolk Kaufman
Robert and Valerie Kayser
Mr. and Mrs. Richard Keil
Mr. and Mrs. Richard Klein
Mr. John Klosterman
Mr. and Mrs. Wilfred Larson
Ms. Denise M. LaTart
Mr. Patrick P. Lee
Dr. Elizabeth Lenegan
Gerald S. Lippes, Esq.
Mr. Melvin A. Lippman
Mr. Stanford Lipsey
Mr. and Mrs. John Lojek
Mrs. Maryetta Lootens
Miss Mary Manning
Mr. Carl J. Manzella
Dr. and Mrs. James R. Marshall
Mrs. Alberta E. Matesick
Mr. and Mrs. Daniel Mattingly
Mary Rose & Kevin McDermott
Mrs. Anne McLellan
Edwin Mirand, PhD, DSc
Mrs. Carolyn Montgomery
Mr. and Mrs. Richard Moore
Sally A. Moran
Steve and Betty Murtaugh
Paul and Lynda Nellis
Mrs. Barbara Oliver
Mrs. Regina Olkowski
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Mrs. Mary Pinto
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Mr. Roger S. Werbeck
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Ms. Patricia J. Willis
Ms. Wendy Wolf
Mr. Jeffrey L. Yates
Mr. and Mrs. David Zebro
Ms. Carole Zeiher

*As of May 1, 2013

**The reasons behind legacy giving are as
personal as they are varied.**



CLOSE UP: MARY PINTO

In many ways, Snyder, NY resident Linda Scime personified the very essence of Roswell Park Cancer Institute. She was a volunteer, a cancer patient, an advocate, a patron. The former Linda Pinto was a member of the Roswell Park Community Advisory Board and continued her work even after being diagnosed with a brain tumor in 1998. “Linda never allowed cancer to define her,” said her mom Mary Pinto. “She was a tireless warrior and defiantly fought her disease with grace, leadership, humor – and volunteerism! Even after her diagnosis, and through her many challenging treatments, Linda never stopped her volunteer work, and each day, she rededicated herself to making a difference in the lives of cancer patients.”

At the 2000 Roswell Park Alliance All-Star Night gala event, Linda received the Katherine Anne Gioia Award, an annual honor that pays tribute to a volunteer who is dedicated to the battle against cancer and whose work has inspired other volunteers. Days later, at the age of 46, Linda lost her battle with cancer. Mary believes that she owed it to her daughter, and to her daughter’s memory, to continue the fight Linda had so valiantly fought.

“I was left behind. I couldn’t go with Linda, and I couldn’t go instead of her. I knew I wanted to give back to Roswell Park. The question was how. So I asked Cindy Eller, the Vice-President for Development at Roswell Park, if there was any chance I could take Linda’s place on the Community Advisory Board. Linda had been a very active member and I thought that she would want me to carry on her legacy and continue the work she started.”

Welcomed by the Board with open arms, Mary enthusiastically threw herself into that role – and several others – with the same passion and commitment that Linda brought to the table. Mary also began volunteering in the Roswell Park Gift Shop. In 2010, she co-chaired the 20th Anniversary All Star Night, an event that recalled for Mary the bittersweet memories of another night just 10 years before when her daughter had been lovingly recognized by a grateful community. But the biggest surprise of that night was when **Mary learned that she would be the “second of the Pinto girls” to receive the Katherine Anne Gioia Award** for volunteerism. During the event, Emcee Jacquie Walker, of WIVB-Channel 4, called Mary a “superwoman and super volunteer.”

Mary found still another way to give back in Linda’s name: with a legacy gift in her will. “I’m not a wealthy woman, but along with leaving something behind for the people I love, I want to leave something to a place that’s been so very special and important to me and my family.”

There’s no stopping Mary Pinto. Helping others is in my family’s blood,” she said. “I’m going to keep doing what I do until I can’t do it anymore...or until they find a cure for cancer. Linda would expect nothing less from me.”

**Mary believes that she owes it to her daughter,
and to her daughter’s memory, to continue the fight
Linda had so valiantly fought.**

CLOSE ENCOUNTERS

of the best kind

There's nothing fun about cancer, but there are creative and welcome diversions organized by close communities of like-minded individuals who know how to put the fun in cancer fundraising. Monies raised by special events, like those described below, are applied to a cause that we can all get behind, a cause that just so happens to be the mission of Roswell Park Cancer Institute: To understand, prevent and cure cancer.



The Ride For Roswell

\$3.8 million

The Ride For Roswell, the Institute's largest fundraising event, once again united thousands of supporters, riders, volunteers, cancer survivors and patients, who put their mettle to the pedal in support of America's first cancer center. Western New York's favorite cycling event grows more successful every year and brings in a significant amount of funding for promising research studies and compassionate quality-of-life programs.



Team Cure Community Events

\$865,000

From dress down days to golf tournaments, hundreds of supporters across Western New York host creative fundraising events throughout the year on behalf of cancer research at Roswell Park. The Team Cure program offers tools, tips and support for community donors who host independent fundraisers. Over 300 Team Cure events were hosted in the 2012-2013 season.



Goin' Bald for Bucks

\$700,000

Goin' Bald for Bucks was founded by Lake Shore High School teacher Anthony George to honor his sister's cancer battle. Since then, thousands throughout our community and across the country have taken part in a Goin' Bald for Bucks event. This year, participants from 52 area schools and 15 corporations, along with more than 80 individuals, got a close-cropped haircut (and a few, even a shave), with proceeds going to support Roswell Park research and patient care programs.



All Star Night

\$420,000

A sold-out crowd of 850 guests attended the 22nd annual All Star Night, **Destination: Cure**, presented by M&T Bank. At this year's black-tie gala event, Giuliana Rancic, star of E!'s Fashion Police and a breast cancer survivor, received the Gilda Radner Courage Award in recognition of her advocacy efforts. The evening's other honorees were: Kunle Odunsi, MD, PhD, Chair, Department of Gynecologic Oncology, who received the Thomas B. Tomasi, MD, PhD Hope Award for his pioneering work on cancer vaccines; and Kali Korzelius, a dedicated volunteer, cancer patient and key member of Roswell Park's Adolescents and Young Adults with Cancer program, who was honored posthumously with the Katherine Anne Gioia Inspiration Award.



Carly's Club

Carly's Club for Kids & Cancer Research in Western New York offers support programs to make life more manageable for children diagnosed with cancer. Since its founding in 1999 by eight-year-old cancer patient Carly Collard Cottone, funds are raised through annual events including:

Carly's Crossing and Summer Splash

\$196,000

Two much-anticipated summer events that drew hundreds of participants were Carly's Crossing, a one-of-a-kind, open-water annual swim event at Lake Erie, and Summer Splash, a cocktail party featuring food from some of Buffalo's finest restaurants.

Chip In for Carly's Club

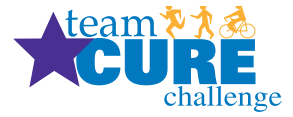
\$83,000

Held in late August at the Brookfield Country Club in Clarence, NY, this annual event challenges avid golfers to play 100 holes of golf in a single day.

Team Cure Challenge

\$250,000

Every year, Team Cure Challenge gives runners of all ability levels the opportunity to join marathons and other local, national and international athletic events to raise funds for Roswell Park. Thousands of supporters take part in events throughout the year in a number of exciting locations including: the Tops 5K/10K in Williamsville, NY, the Walt Disney World Marathon, the Las Vegas Marathon and the Dublin (Ireland) Marathon.



Bosom Buddies Walk

\$91,000

The annual walk held in September raises funds for the Western New York Breast Resource Center at Roswell Park. The event features three walking courses throughout scenic East Aurora, NY, and offers participants the opportunity to honor or remember those loved ones with breast cancer.



The Ride for Roswell



Team Cure Challenge



Bosom Buddies



Goin' Bald for Bucks



Carly's Crossing

Monies raised by special events are applied to a cause we can all get behind.

CLOSE UP: MERCEDES HOLLOWAY

It started with a lump.

In July of 2011, at age 26, Mercedes Holloway discovered a lump in her breast. But with no family history of breast cancer, coupled with her young age, she thought it would turn out to be “nothing” – a hopeful self-diagnosis that would be verbally “confirmed” by the first doctor she consulted.

Unsettled by a nagging internal voice, however, Mercedes decided to switch doctors, only to be told that that “nothing” was indeed a serious “something” – a cancerous tumor measuring three centimeters, roughly the diameter of a quarter. “I heard the words ‘stage two breast cancer’ - but couldn’t absorb them,” said Mercedes. “I thought it was a mistake, praying that someone got it wrong.”

She was referred to Roswell Park Cancer Institute. “My doctor said it was the only place to go,” said Mercedes, “and looking back, I have to agree. My surgical oncologist Dr. (Stephen) Edge and the comprehensive care I received at Roswell were exceptional.”

Her path to recovery, however, was daunting. Treatment included eight rounds of chemotherapy to shrink the tumor, followed by a lumpectomy and 45 sessions of radiation. She finished treatment in April 2012, and today, is cancer-free...and deeply committed to a cause close to her heart.

“The experience taught me something,” she explained, “not only to give back, but to give voice to issues that affect all women – even young women like me.” Mercedes began by working with Detric Johnson of the Buffalo/Niagara Witness Project, a community outreach program that uses storytelling in churches and other community settings to educate participants on early breast and cervical cancer detection. Collaborating with Niagara Falls Memorial Medical Center, the Roswell Park program is funded in part by the Western New York Affiliate of the Susan G. Komen For the Cure. “Dee showed me the ropes,” said Mercedes, “and I am forever grateful for her guidance and wisdom. The Witness Program helped me, and many others in my shoes, see things more clearly.” Mercedes felt that she could do even more to inform and influence women in the Western New York community, not only about cancer, but also about health and healthy living.

She founded a local organization called **For Our Daughters**. “Our mission is to educate, inspire and empower women by raising awareness, applying what we learn and then passing it on to the next generation,” she said. The program, also funded in part by the WNY Affiliate of Susan G. Komen, “speaks to young people,” particularly young women in high school and college. To date, students from Lockport High School, Medina High School and Sweet Home High School, among other schools, have participated and benefitted.

Asked why she started For Our Daughters, Mercedes responds simply: “Because I have children, because I have a daughter.” She believes that there are important lessons to be found in the phrase Like Mother, Like Daughter. “We’re trying to create programs geared toward inspiring our children, especially our daughters, to live healthy lives and influence those around them,” she said. “Like so many other women, I went through a difficult challenge. More times than I can count, I wanted to throw in the towel, but when I looked at my children, I knew that I had to continue to fight. They need to continue the fight, too. We’re all in this together!”

Mercedes felt that she could do even more to inform and influence women in the Western New York community, not only about cancer, but also about health and healthy living.



Redefining

PERSONAL SPACE

The Roswell Park Alliance Foundation also provides capital support for Institute-wide building, clinic and center growth. This year, expansion has been explosive, and in alignment with the research and clinical objectives put forth by our scientists.

Welcome to the Center for Personalized Medicine!

A combination of public and private funding sources supported the establishment of the new Center for Personalized Medicine (CPM), launched earlier this year. A \$5.1 million grant from New York State Governor Andrew Cuomo's Western New York Regional Economic Council laid the groundwork for the Center, and Roswell Park invested an additional \$16 million in equipment and infrastructure.

The new CPM, under the direction of Dr. Carl Morrison, uses state-of-the-art "next-generation" sequencing tools to analyze the whole set of DNA that each individual inherits from his/her parents. From there, researchers create a comprehensive genetic roadmap with unique directional signposts, including the patient's response to treatment. Such information will both inform medical decisions and "green-light" the development of custom-tailored drugs with the greatest therapeutic benefit and outcome. One of only a handful of such specialized centers in the United States and the only one in New York State outside of New York City, the CPM has met stringent federal regulatory quality standards as mandated by the Clinical Laboratory Improvement Amendments program. Initially, the Center will focus on providing personal genome analyses for lung cancer, melanoma, leukemia and sarcoma patients. This research will ensure that our patients receive the best possible treatment for their cancer, based on their individual DNA.

Computer Task Group Inc. (CTG) played a major collaborative role in the development of the Center for Personalized Medicine. This Buffalo-based company, a leading developer of bioinformatics computing and software, is providing electronic medical records expertise and bioinformatics/clinical analytics services to support the work of the Center. Other key partners include the University at Buffalo, IMMCO Diagnostics, Western New York Urology Associates LLC, Illumina Inc. and Life Technologies.





CLOSE UP: JENNIFER ATTAWAY

What's personalized medicine?

Ask Jennifer Attaway, who knows more than a little something about it! Jennifer came to Roswell Park and was diagnosed with advanced lung cancer. Generally, patients with advanced lung disease face poor prognoses, and Jennifer appeared to fit the pattern – until, that is, a mutation in a gene called ALK was discovered in her tumor. Jennifer's oncologist Grace Dy, MD, Department of Medicine, recommended a drug called crizotinib, a therapy developed specifically to target the mutation. Jennifer's response to treatment was nothing less than remarkable. **Targeted therapy, such as crizotinib, means new promise and hope for certain lung cancer patients** like Jennifer, who today is looking forward to a bright future. For Jennifer, personalized medicine means personal triumph!

A CLOSER LOOK

at the bottom line

Statement of Financial Position March 31, 2013

ASSETS

Cash and cash equivalents	\$	24,574,987*
Investments, at market value		48,906,078
Pledges and bequests receivable, net		15,937,417
Split interest agreements		1,473,558
Other assets		280,297
Due from affiliates		1,537,577
TOTAL ASSETS	\$	92,709,914

LIABILITIES and NET ASSETS

Liabilities		
Accrued liabilities	\$	428,377
Grants payable to affiliates		10,788,987
Annuities payable		1,395,360
Total liabilities		12,612,724
Net assets		
Unrestricted		8,812,586
Temporarily restricted		40,136,216
Permanently restricted (Endowment)		31,148,388
Total net assets		80,097,190
TOTAL LIABILITIES and NET ASSETS	\$	92,709,914

Statement of Activities and Changes in Net Assets Year Ended March 31, 2013

REVENUE and SUPPORT

Contributions	\$	18,904,251
Special Events	7,237,817	
Annual Fund/Direct Mail	2,178,664	
Individual Major Gifts/Planned Gifts	3,119,885	
Foundations	1,554,546	
Corporate Partnerships	379,174	
Clinical Sciences Center Campaign	4,434,166	
Gift shop receipts		455,990
Interest and dividends		1,088,577
TOTAL REVENUE and SUPPORT		20,448,818

DISTRIBUTIONS and EXPENSES

Grants to benefit Roswell Park Cancer Institute	8,888,300
Management and general expenses	1,484,929
Fundraising expenses	3,703,357
TOTAL DISTRIBUTIONS and EXPENSES	14,076,586
Excess of revenue and support over distributions and expenses	6,372,232
Net realized and unrealized investment gains	2,816,152
Actuarial loss on annuity obligations and split interest agreements	(118,298)
Change in net assets	9,070,086
NET ASSETS, BEGINNING of YEAR	71,027,104
NET ASSETS, END of YEAR	\$ 80,097,190

* Includes \$16,858,422 for Clinical Sciences Center construction distributed subsequent to March 31, 2013.

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Thank you!
Your continued support
ensures that Roswell Park
remains a national leader
in state-of-the-art
cancer research and
quality patient care.





“It’s an out of body experience when you hear the word ‘cancer.’ I had no family history of colon cancer. It was a complete shock. I am so grateful to be here because I beat the statistics. I want to let other people know there is hope.”

- Debbie Byrnes
Cancer Survivor



Elm & Carlton Streets
Buffalo, NY 14263

For more information about giving and volunteer opportunities,
please call (716) 845-4444, visit RoswellPark.org/giving or e-mail giving@roswellpark.org.