

**On our 70th Anniversary,  
we asked today's Damon  
Runyon scientists how  
they think cancer will be  
prevented, diagnosed, and  
treated differently in our  
lifetimes and our children's.**

**Their fascinating responses  
give us great optimism.**





# Contents

---

▼  
**01**

PRESIDENT & CEO

▼  
**03**

A LOOK  
INTO THE FUTURE

▼  
**13**

BOARD OF  
DIRECTORS

▼  
**15**

REMEMBERING  
DALE F. FREY

▼  
**16**

DAMON RUNYON AWARD  
PROGRAMS

▼  
**17**

AWARDS AND  
COMMITTEES

▼  
**31**

EVENTS

▼  
**32**

THANK YOU TO  
DONORS

▼  
**33**

SPONSORED  
AWARDS

▼  
**35**

CONTRIBUTORS

▼  
**39**

DAMON RUNYON ADVISORS,  
BROADWAY  
PREMIER CIRCLE

▼  
**40**

DISCOVERY  
SOCIETY

▼  
**41**

WAYS TO  
GIVE

▼  
**42**

FINANCIALS

# **President & CEO**







**WE ALL DREAM ABOUT THE FUTURE**, a time when fewer cancers will be diagnosed and every cancer patient can be effectively treated. That has been our goal since our founding 70 years ago. Over that time, our thinking about cancer has evolved from viewing it as a mysterious killer into a better understood disease, driven by genetic mutations that cause cells to multiply and spread in an uncontrolled manner.

We have more recently witnessed the application of this knowledge to new ways to prevent, diagnose and cure many forms of cancer. Today, novel therapies are saving the lives of those who likely would not have even survived if they were diagnosed in the year 2000. We want this outcome—continued health and survival—to be true for all cancer patients regardless of cancer type.

This progress would not be possible without brilliant scientists fully dedicated to this work, which is why the Damon Runyon Cancer Research Foundation remains so vitally important. Our unique role is to recruit the best emerging talent to cancer research—young scientists with the creativity, passion and innovative spirit needed to make the next breakthroughs—and keep them there.

In the pages that follow, a few of these exceptional Damon Runyon scientists share their vision for the future. Our goal is to give them the resources they need to make these predictions a reality.

A handwritten signature in black ink that reads "Lorraine W. Egan". The signature is fluid and cursive, with the first name being the most prominent.

*Lorraine W. Egan  
President and Chief Executive Officer  
Damon Runyon Cancer Research Foundation*

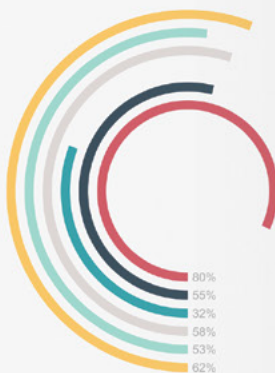
BIO✓



SEPTEMBER 10, 2036  
CHECKUP RESULTS

▼ 05

BIOMARKERS CHANGE  
LAST SCREENING SEPTEMBER 9, 2035



SHARE RESULTS

*A look into the future*

---

# Revolutionizing Cancer Screening



Written by  
**WILLIAM RAZZELL, PhD**  
*Damon Runyon Fellow,  
Memorial Sloan Kettering Cancer  
Center, New York*

Catching cancer in its earliest stages can vastly improve outcomes for patients, and great effort is put toward encouraging the public to undergo regular screening tests such as mammograms, prostate examinations and colonoscopies. If discovered, benign lumps and polyps can then be safely removed before they turn malignant. Ideally, everyone should have the opportunity to be routinely screened for signs of cancer, but the financial burden and available resources make this a tremendous challenge.

**In the future, screening will be carried out by the patient with the same device they use to schedule meetings—the smartphone.**

Faster processors and increased functionality from handheld devices will give individuals the equivalent of a lab computer in their pockets. Additionally, nanotechnology and microfluidic advances have shrunk the equipment needed to test blood or other bodily fluids for biomarkers of cancer into miniature sensors that can be plugged into phones like a memory card. In a few years, people will routinely test themselves at home. Any changes in cancer biomarkers will be detected early and the results emailed to oncologists for a treatment strategy to be organized.

Along with technological advances, basic biological research to uncover “early-tumor” biomarkers and enhance the understanding of cancer progression will be equally critical. With twin breakthroughs in technology and biology, ubiquitous smartphone screening can be at the forefront of fighting this disease.

---

## SCREENING AT OUR FINGERTIPS

*A patient will have the ability to screen for signs of cancer from their home, providing the opportunity for early diagnosis.*

---

# Cancer Treatment As Unique As Each Patient



Written by  
**ANN MULLALLY, MD**  
*Damon Runyon  
Clinical Investigator  
Brigham and Women's Hospital,  
Boston*

“Illness is the night-side of life, a more onerous citizenship,” wrote Susan Sontag in 1977. Twenty-seven years later, Sontag died of myelodysplastic syndrome (MDS), a subtype of myeloid blood cancers, which are the focus of the research in my laboratory at Harvard. Sontag’s words remind us that we as physician-scientists have a solemn responsibility to never give up in our efforts to develop better treatments for our patients and to lessen the burden their illness imposes on them and on their families.

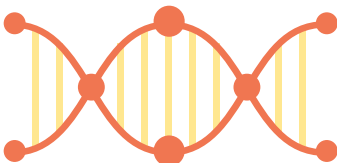
In the twelve years since Sontag’s death, we’ve made enormous advances in understanding how myeloid blood cancers develop. We’ve defined the causative mutations and have developed

the ability to sequentially track the genetic evolution of leukemia in real time in patients. We can even detect leukemia-initiating mutations in the blood of normal individuals before they are aware of any symptoms or signs of disease.

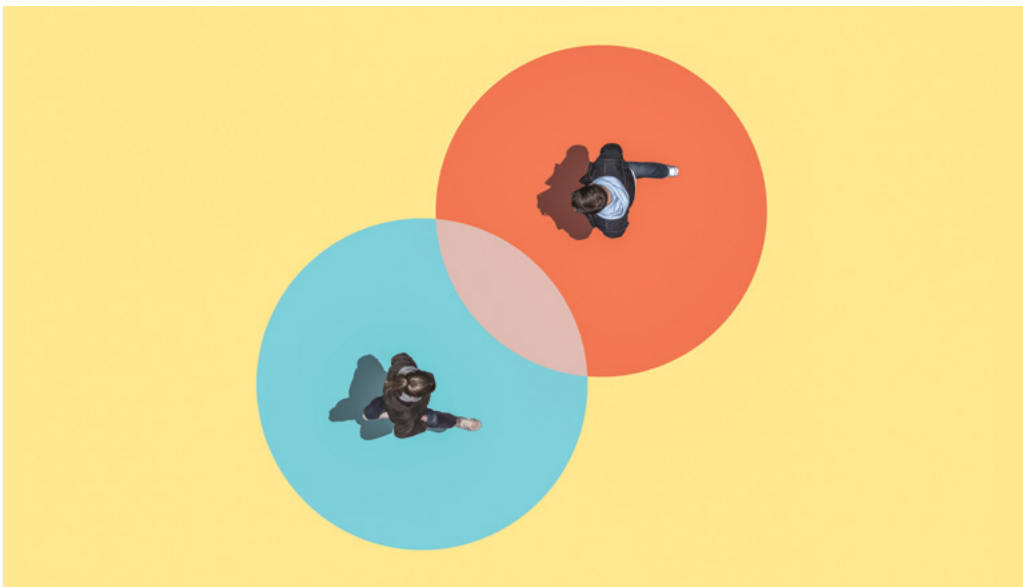
Armed with this knowledge, we are poised to prevent myeloid blood cancers, to diagnose them earlier and to treat them more selectively and effectively.

In the next 10–20 years, we will screen for these cancers using blood testing, much as we currently screen for diabetes. We will intervene before full-blown cancer develops using either targeted drug therapies or gene editing technology to correct specific cancer-causing mutations.

**In patients who present with cancer, we will exploit precision medicine to tailor our treatment to the mutational spectrum of their individual cancer, and we will target their own immune system against specific mutant proteins in their cancer.**







Written by  
**EMMA WATSON, PhD**  
*Damon Runyon Fellow,  
Brigham and Women's Hospital,  
Boston*

Luckily for the cancer research community, science has arrived in the era of genomics. This is what we've been waiting for, and it is the key to the future of cancer diagnosis and treatment.

Through deep sequencing of cancer genomes we can now appreciate the tremendous diversity of cancers and the combinations of mutations that drive them. It will take a village of cancer researchers (and computers—lots of computers) to tenaciously hash out the functions of cancer-associated genes, and the consequences of mutations within them, to precisely pinpoint a cancer's weaknesses.

Ten to fifteen years from now, cancer patients should expect to have their tumors fully sequenced after biopsy. A unique disease deserves a unique treatment—sequencing a patient's tumor genome will reveal the specific mutations that are driving his or her cancer. Plugging these mutations into computational models will enable doctors to prescribe treatment combinations that are as unique as the patient. Perhaps that will include a vaccine developed from the tumor's own mutated proteins to train the patient's immune system to recognize and destroy it. Or perhaps a drug schedule targeting molecules upon which the cancer uniquely relies, but not normal cells.

**We'll gradually transition away from the “one-size-fits-all,” blunt instrument chemotherapeutics of the past toward the sophisticated custom-tailored therapies of the future.**

---

#### PRECISION & TARGETED TREATMENTS

*Cancer treatments will be tailored to the individual, providing treatment options that are less toxic and more effective.*

---



A look into the future

---

# Prevention through Greater Knowledge



Written by  
**JOSE M. ORDOÑAS-MONTANES, PhD**  
*Damon Runyon Fellow,  
Massachusetts Institute of  
Technology*

Biomedical scientists and physicians are extremely adept at curing cancers through chemical, surgical, or immunological interventions. While this broad and desirable statement applies to certain patients with treatable cancers, it does not apply to enough. Furthermore, rates of cancer incidence and prevalence continue to increase. What is the cause of the disparity between failure in prevention and success at treatment, and how can we address this challenge?

While cancer immunotherapy has already heralded the era of treatment-based precision medicine that will dominate the next decade, I predict that the most significant impact of patient-specific medicine will come from a

greater understanding of the unique path that each patient's cells take to transform a healthy tissue into a malignant tumor.

**By systematically characterizing, defining, and testing cell networks within individuals, we will not only understand what precipitates cancer but also identify how we can reset the balance of these cellular ecosystems to inhibit the initiation of cancer.**

It is with great hope that I consider the possibility that the next decade of precision therapies will not be targeted at cancer treatment, but rather at prevention.

---

## ANALYZING THE EARLY STAGES

*Understanding how a cell transforms into a cancer cell will help scientists create therapies for disease prevention.*

---

A look into the future

---

# Changing the Way Science is Done



Written by  
**ANGELA J. WAANDERS, MD, MPH** *Damon Runyon-Dale F. Frey Breakthrough Scientist, Children's Hospital of Philadelphia*

I treat children with brain tumors, a resilient patient population that suffers not only from the direct effects of cancer but also the deleterious effects of the toxic treatments we must give them to try to achieve cures. More children die from brain tumors than from any other type of cancer. This must and will change.

**We are on the cusp of a scientific revolution. As we begin to unravel the genome, epigenome, and transcriptome of these devastating tumors, we are also removing the academic roadblocks that have stymied research for so long.**

I am collaborating with a scientific community that understands we must not just stand on our academic laurels but that we must make “significant” and “meaningful” discoveries. In the past, there have been many smart, well-meaning scientists devoted to pediatric neuro-oncology research; however, they were missing a research infrastructure that brought scientists and patients together. They were missing a research platform in which the massive amounts of biological data (petabytes) could be openly shared in real-time.

As a scientific community we now have the technology, the perseverance, and the cultural academic shift to find cures. We are no longer conducting research in scientific silos.

In the future, children with a devastating brain tumor, no matter where they live, will be able to have their tumor molecularly analyzed, and a treatment tailored to provide them with the best chance possible for a long, healthy, productive life.

---

## CREATING A DATABASE OF KNOWLEDGE

*With scientists working together across multiple disciplines and sharing research data, patients will see more effective and creative treatments developed at a rate never before seen.*

---









**With brilliant scientists working  
in collaboration, developing  
new technologies, and seeking  
even greater understanding of  
cancer, these visions of the future  
will become a reality—for us, and  
certainly for our children.**

---

# Damon Runyon Cancer Research Foundation

## Board of Directors



### CHAIR

#### MR. ALAN M. LEVENTHAL

Chairman and Chief  
Executive Officer  
Beacon Capital Partners, LLC  
Boston, Massachusetts

### VICE CHAIR

#### Scientific Programs

#### WILLIAM G. KAEIN, JR., MD

Investigator  
Professor of Medicine  
Harvard Medical School  
Dana-Farber Cancer Institute  
Boston, Massachusetts

### VICE CHAIR

#### Investments and Treasurer

#### MR. LEON G. COOPERMAN

Chairman and Chief  
Executive Officer  
Omega Advisors, Inc.  
New York, New York

### VICE CHAIR

#### Audit and Secretary

#### SANFORD W. MORHOUSE, ESQ.

Of Counsel  
Schulte Roth & Zabel LLP  
New York, New York

### VICE CHAIR

#### Board Development

#### MR. MICHAEL L. GORDON

Chief Executive Officer  
Angelo, Gordon & Co.  
New York, New York

### VICE CHAIR

#### Development and Marketing

#### MR. DAVID M. BEIRNE

Chairman  
Fantex Holdings, Inc.  
Coral Gables, Florida

#### STEVEN J. BURAKOFF, MD

Director, The Tisch  
Cancer Institute  
Icahn School of Medicine  
at Mount Sinai  
Mount Sinai Health System  
New York, New York

#### MS. DEBORAH J. COLEMAN

Legal Counsel  
Convexity Capital  
Management LP  
Boston, Massachusetts

#### MS. ROBYN COLES

President  
TRATE Properties  
Boston, Massachusetts

#### MR. GARY E. ERLBAUM

President  
Greentree Properties  
Ardmore, Pennsylvania

#### THOMAS J. FAHEY, JR., MD

Senior Vice President Emeritus  
Memorial Sloan Kettering  
Cancer Center  
New York, New York

#### MR. BUCK FRENCH

Co-Founder and Chief  
Executive Officer  
Fantex Holdings, Inc.  
San Francisco, California

#### ELAINE V. FUCHS, PhD

Rebecca C. Lancefield Professor  
Howard Hughes Medical Institute  
Investigator  
Head, Laboratory of Mammalian  
Cell Biology and Development  
The Rockefeller University  
New York, New York

#### RICHARD B. GAYNOR, MD

Senior Vice President  
Global Product Development/  
Medical Affairs  
Oncology Business Unit  
Eli Lilly and Company  
Indianapolis, Indiana

#### TODD R. GOLUB, MD

Chief Scientific Officer  
Director, Cancer Program  
The Broad Institute of MIT  
and Harvard  
Charles A. Dana Investigator in  
Human Cancer Genetics at the  
Dana-Farber Cancer Institute  
Professor of Pediatrics at  
Harvard Medical School  
Howard Hughes Medical Institute  
Investigator  
Cambridge, Massachusetts

#### MR. SCOTT GREENSTEIN

President and Chief  
Content Officer  
SiriusXM  
New York, New York

#### MR. STEVE HAYDEN

Vice Chairman and Chief  
Creative Officer (Retired)  
Ogilvy & Mather Worldwide  
New York, New York

#### MR. JAY W. IRELAND

President and Chief  
Executive Officer  
GE Africa  
General Electric  
Nairobi, Kenya



**MORANA JOVAN-EMBRICOS, PhD**  
Managing Partner  
F2 Capital Ventures, LLP  
London, United Kingdom

**MR. STEVEN A. KANDARIAN**  
Chairman, President and  
Chief Executive Officer  
MetLife, Inc.  
New York, New York

**MR. NOAH KNAUF**  
General Partner  
Kleiner Perkins Caufield & Byers  
San Francisco, California

**GABRIELLE LAYTON, PhD**  
Palo Alto, California

**DAVID M. LIVINGSTON, MD**  
Deputy Director  
Dana-Farber/Harvard  
Cancer Center  
Emil Frei Professor of  
Genetics and Medicine  
Harvard Medical School  
Boston, Massachusetts

**MR. DAVID G. MARSHALL**  
Chairman and Chief  
Executive Officer  
Amerimar Realty Company  
Philadelphia, Pennsylvania

**MR. JOHN H. MYERS**  
Senior Advisor  
Angelo, Gordon & Co.  
New York, New York

**RICHARD J. O'REILLY, MD**  
Chief, Pediatric Bone Marrow  
Transplant Service  
Claire L. Tow Chair in Pediatric  
Oncology Research  
Memorial Sloan Kettering  
Cancer Center  
New York, New York

**MR. ANDREW S. RACHLEFF**  
Executive Chairman  
Wealthfront  
Faculty, Stanford Graduate  
School of Business  
Palo Alto, California

**MR. WILLIAM RAVEIS, JR.**  
Founder, Chairman and CEO  
William Raveis Real Estate,  
Mortgage & Insurance  
Southport, Connecticut

**MICHAEL V. SEIDEN, MD, PhD**  
Senior Vice President and  
Chief Medical Officer  
McKesson Specialty Health  
US Oncology Network  
The Woodlands, Texas

**MS. KAREN D. SEITZ**  
Founder and Managing Director  
Fusion Partners  
New York, New York

**NANCY SIMONIAN, MD**  
Chief Executive Officer  
Syros Pharmaceuticals  
Cambridge, Massachusetts

**MS. CYNTHIA F. SULZBERGER**  
Palm Beach, Florida

**MR. PETER VAN CAMP**  
Executive Chairman  
Equinix, Inc.  
Redwood City, California

**JAMES A. WELLS, PhD**  
Chair, Department of  
Pharmaceutical Chemistry  
Professor, Cellular and  
Molecular Pharmacology  
University of California,  
San Francisco  
San Francisco, California

**MS. LORRAINE W. EGAN**  
President and Chief  
Executive Officer  
Damon Runyon Cancer  
Research Foundation

**EMERITUS BOARD MEMBERS**

**SIDNEY ALTMAN, PhD**  
Sterling Professor of Molecular,  
Cellular and Developmental  
Biology  
Professor of Chemistry  
Yale University, Department  
of Chemistry  
New Haven, Connecticut

**DAVID BALTIMORE, PhD**  
President Emeritus  
Robert Andrews Millikan  
Professor of Biology  
California Institute of Technology  
Pasadena, California

**RONALD LEVY, MD**  
Professor of Medicine  
Division of Oncology  
Stanford University School  
of Medicine  
Stanford, California

**MRS. CONNIE LURIE**  
Atherton, California

**I. GEORGE MILLER, MD**  
John F. Enders Professor  
of Pediatrics  
Professor of Epidemiology  
Molecular Biophysics  
and Biochemistry  
Yale University School of Medicine  
New Haven, Connecticut

**HENRY C. PITOT, MD, PhD**  
Professor Emeritus of Oncology,  
Pathology and Laboratory  
Medicine  
McArdle Laboratory for  
Cancer Research  
University of Wisconsin-  
Madison School of Medicine  
and Public Health  
Madison, Wisconsin

**MRS. KATHARINE F. PLUM**  
Hobe Sound, Florida

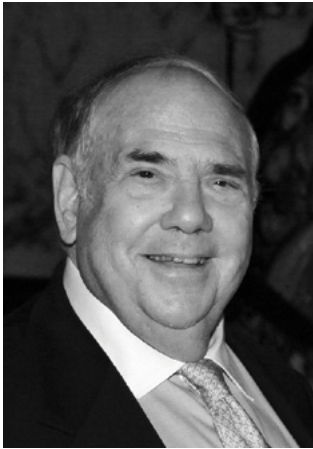
**SAMUEL C. SILVERSTEIN, MD**  
John C. Dalton Professor  
and Chairman, Department of  
Physiology and Cellular  
Biophysics  
Professor of Medicine  
College of Physicians  
and Surgeons of  
Columbia University  
New York, New York

**CRAIG B. THOMPSON, MD**  
President and Chief  
Executive Officer  
Memorial Sloan Kettering  
Cancer Center  
New York, New York

**MS. VIRGINIA UEBERROTH**  
Chairman, The Ueberroth  
Family Foundation  
Corona del Mar, California

**MR. ROBERT C. WRIGHT**  
Senior Advisor  
Lee Equity Partners, LLC  
New York, New York

**ROBERT C. YOUNG, MD**  
Former Chancellor  
Fox Chase Cancer Center  
President  
RCY Medicine  
Philadelphia, Pennsylvania



## Remembering Dale F. Frey, 1932–2016

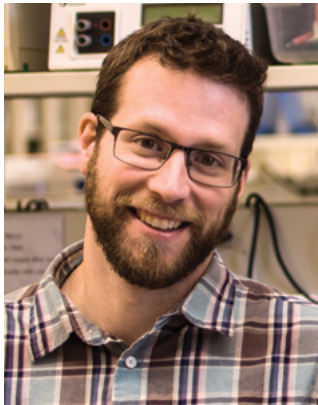
*The Damon Runyon Cancer Research Foundation was deeply saddened by the passing of Dale F. Frey, past Chairman of its Board of Directors, one of its greatest champions and a dear friend. Through his vision, passion and relentless dedication to cancer research, Dale had a lasting impact on human life. Under his leadership for over 16 years, the Foundation grew exponentially and funded top young scientists in cancer research whose discoveries have dramatically advanced progress against cancer. In 2010, the Dale F. Frey Award for Breakthrough Scientists was established in his honor to support the most outstanding young cancer researchers in the nation.*

---

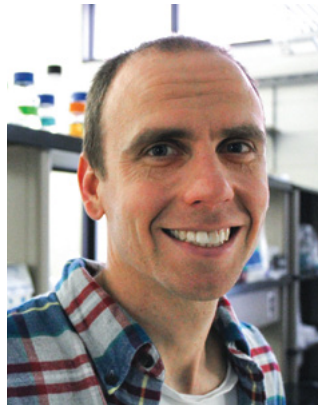
### Select Damon Runyon–Dale F. Frey Breakthrough Scientists



**ANGELA N. BROOKS, PhD**



**ROBERT K. MCGINTY, MD, PhD**



**MICHAEL J. SMANSKI, PhD**



**ANGELA J. WAANDERS, MD, MPH**



**ARUN P. WIITA, MD, PhD**

# Damon Runyon Award Programs

## Damon Runyon- Rachleff Innovation Award

Supports the next generation of exceptionally creative thinkers with high-risk, high-reward ideas that have the potential to significantly impact our understanding of and approaches to the prevention, diagnosis or treatment of cancer.

**TWO-YEAR AWARD:**

\$300,000, with possibility of extension up to an additional \$300,000

## Damon Runyon Clinical Investigator Award

Supports early career physician-scientists conducting patient-oriented research. The goal of this innovative program is to increase the number of physicians capable of moving seamlessly between the laboratory and the patient's bedside in search of breakthrough treatments.

**THREE-YEAR AWARD:**

\$450,000 plus up to \$100,000 for medical school loan repayment

## Damon Runyon Clinical Investigator Continuation Grant

Supports Damon Runyon Clinical Investigators who are approaching the end of their original three-year awards and need extra time and funding to complete a promising avenue of research or initiate/continue a clinical trial.

**TWO-YEAR AWARD:**

\$300,000

## Damon Runyon Fellowship Award

Supports the training of the brightest postdoctoral scientists as they embark upon their research careers. This funding enables them to be mentored by established investigators in leading research laboratories across the country.

**FOUR-YEAR AWARD:**

\$231,000

## Damon Runyon-Sohn Pediatric Cancer Fellowship Award

Supports dedicated basic scientists and clinicians who conduct research with the potential to significantly impact the prevention, diagnosis or treatment of one or more pediatric cancers.

**FOUR-YEAR AWARD:**

\$231,000

## Damon Runyon- Dale F. Frey Award for Breakthrough Scientists

Supports a select few Damon Runyon Fellows who have greatly exceeded the Foundation's highest expectations. This additional investment in these exceptional individuals will help catapult their research careers and their impact on cancer.

**TWO-YEAR AWARD:**

\$100,000

## Damon Runyon Physician-Scientist Training Award

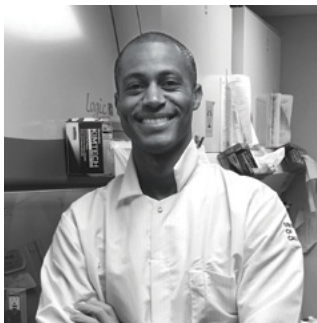
Supports and encourages outstanding recent medical school graduates to pursue cancer research careers by providing them with the opportunity for a protected research training experience under the mentorship of a highly qualified and gifted mentor.

**FOUR-YEAR AWARD:**

\$460,000 plus up to \$100,000 for medical school loan repayment



*Damon Runyon Physician-Scientist*  
**MICHAEL DRAZER, MD**



*Damon Runyon Fellow*  
**KYLE G. DANIELS, PhD**

# Damon Runyon-Rachleff Innovation Award Committee

## CHAIR

**KENNETH W. KINZLER, PhD**

Professor of Oncology  
Director, Ludwig Center  
for Cancer Genetics  
and Therapeutics  
Johns Hopkins University  
Kimmel Cancer Center  
Baltimore, Maryland

**DAFNA BAR-SAGI, PhD**

Senior Vice President  
Vice Dean for Science  
Chief Scientific Officer  
NYU Langone Medical Center  
New York, New York

**MICHAEL A. CALIGIURI, MD**

Director, Comprehensive Cancer  
Center  
CEO, James Cancer Hospital and  
Solove Research Institute  
JL Marakas Nationwide Insurance  
Enterprise Foundation  
Professor of Cancer Research  
Professor, Departments of  
Internal Medicine and  
Molecular Virology,  
Immunology, and Medical  
Genetics  
Columbus, Ohio

**ABBY F. DERNBURG, PhD**

Howard Hughes Medical Institute  
Investigator  
Professor of Cell and  
Developmental Biology  
University of California, Berkeley  
Lawrence Berkeley National Lab  
Berkeley, California

**SANJIV SAM GAMBHIR, MD, PhD**

Director, Molecular Imaging  
Program  
Head, Nuclear Medicine Division  
Professor of Radiology,  
Bioengineering and  
Engineering Materials Science  
Stanford University School  
of Medicine  
Stanford, California

**TODD R. GOLUB, MD**

Chief Scientific Officer  
Director, Cancer Program  
The Broad Institute of  
Harvard and MIT  
Charles A. Dana Investigator in  
Human Cancer Genetics at the  
Dana-Farber Cancer Institute  
Professor of Pediatrics at  
Harvard Medical School  
Howard Hughes Medical  
Institute Investigator  
Cambridge, Massachusetts

**TARUN M. KAPOOR, PhD**

Pels Family Professor  
Head, Laboratory of  
Chemistry and Cell Biology  
The Rockefeller University  
New York, New York

**DAVID G. KIRSCH, MD, PhD**

Professor of Radiation Oncology  
Professor of Pharmacology  
and Cancer Biology  
Duke University Medical Center  
Durham, North Carolina

**RICHARD L. KLEMKE, PhD**

Professor, Department of  
Pathology  
University of California, San Diego  
Moore's Cancer Center  
La Jolla, California

**LEWIS L. LANIER, PhD**

American Cancer Society  
Research Professor  
Chair, Department of  
Microbiology and Immunology  
J. Michael Bishop, MD,  
Distinguished Professor  
University of California,  
San Francisco  
Leader, Cancer, Immunity and  
Microenvironment Program  
UCSF Helen Diller Family  
Comprehensive Cancer Center  
San Francisco, California

**STEVEN M. LARSON, MD**

Member and Lab Head  
Molecular Pharmacology and  
Chemistry Program  
Sloan Kettering Cancer Center  
Donna and Benjamin M. Rosen  
Chair in Radiology  
Memorial Sloan Kettering  
Cancer Center  
New York, New York

**RONALD LEVY, MD**

Professor of Medicine  
Division of Oncology  
Stanford University School  
of Medicine  
Stanford, California

**JOSHUA T. MENDELL, MD, PhD**

Howard Hughes Medical Institute  
Investigator  
Professor, Department of  
Molecular Biology  
University of Texas Southwestern  
Medical Center  
Dallas, Texas

**STEPHEN R. QUAKE, DPhil**

Howard Hughes Medical  
Institute Investigator  
Lee Otterson Professor of  
Bioengineering and Applied  
Physics  
Department of Bioengineering  
Stanford University  
Stanford, California



*Damon Runyon-Rachleff Innovator*  
**ROBERTO ZONCU, PhD**



*Damon Runyon-Rachleff Innovator*  
**CHRISTIN E. BURD, PhD**



# Damon Runyon-Rachleff Innovation Awards

## CALIFORNIA

**SCOTT J. DIXON, PhD\***

“Exploring the role of a toxic endogenous glycolytic metabolite in tumor suppression and chemotherapy action” at Stanford University, Stanford

**NICHOLAS T. INGOLIA, PhD**

“Cis-regulatory code for the translational control of gene expression” at the University of California, Berkeley

**GUILLEM PRATX, PhD**

“Adding a new dimension to flow cytometry: radionuclide-activated cell sorting” at Stanford University School of Medicine, Stanford

**PETER J. TURNBAUGH, PhD\*,  
Nadia’s Gift Foundation Innovator**

“The gut microbiome: an unexpected contributor to cancer drug resistance” at the University of California, San Francisco

**ELÇİN ÜNAL, PhD**

“Reducing cancer susceptibility by attenuating cellular aging” at the University of California, Berkeley

**ROBERTO ZONCU, PhD\***

“Dissecting and disabling the glucose-mTORC1 signaling axis in cancer growth” at the University of California, Berkeley

## CONNECTICUT

**JASON M. CRAWFORD, PhD\***

“Elucidating the bacterial determinants of colorectal cancer” at Yale University, New Haven

## MARYLAND

**CHRISTOPHER M. JEWELL, PhD**

“Harnessing intra-lymph node controlled release to study and enhance tumor immunity” at the University of Maryland, College Park

## MASSACHUSETTS

**EMILY P. BALSUS, PhD**

“Understanding and preventing carcinogenesis caused by the human microbiota” at Harvard University, Cambridge

## NEW YORK

**PIERO D. DALERBA, MD\*  
Island Outreach  
Foundation Innovator**

“Using single-cell genomics to resolve the molecular identity of cancer stem cells and guide their pharmacological eradication” at Columbia University, New York

**ARVIN C. DAR, PhD**

“Targeting allosteric control in the Ras-MAPK pathway for cancer therapy” at the Icahn School of Medicine at Mount Sinai, New York

**MORITZ F. KIRCHER, MD, PhD**

“Raman-MRI nanobeacons: towards a universal cancer theranostic agent” at Memorial Sloan Kettering Cancer Center, New York

**EIRINI P. PAPAPETROU, MD,  
PhD**

**Edward P. Evans**

**Foundation Innovator**

“Dissecting chromosome hemizygoty with human pluripotent stem cells” at the Icahn School of Medicine at Mount Sinai, New York

## OHIO

**CHRISTIN E. BURD, PhD\***

“Exploiting mutational specificity to target RAS-driven melanoma” at The Ohio State University, Columbus

## OREGON

**SUMMER L. GIBBS, PhD  
and XIAOLIN NAN, PhD**

“Studying spatial regulation of HER2 tumorigenesis with multispectral super resolution microscopy (MSSRM)” at Oregon Health and Science University, Portland

## TEXAS

**NING JENNY JIANG, PhD**

“A single cell integrated system to dissecting cancer immunoediting in humans” at The University of Texas, Austin

## WASHINGTON

**BRIAN H. SHIRTS, MD, PhD**

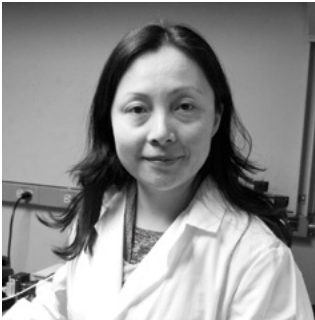
“Participatory genetics for defining genotype-phenotype associations of rare cancer variants” at the University of Washington, Seattle

## WISCONSIN

**PHILIP A. ROMERO, PhD\***

“Digital circulating tumor cell detection using scalable molecular logic” at the University of Wisconsin, Madison

\*Initial Year



*Damon Runyon-Rachleff Innovator*  
**NING JENNY JIANG, PhD**



*Damon Runyon-Rachleff Innovator*  
**PHILIP A. ROMERO, PhD**

# Damon Runyon Clinical Investigator Award Committee

## CHAIR

**WILLIAM G. KAELIN, JR., MD**  
Howard Hughes Medical  
Institute Investigator  
Professor of Medicine  
Harvard Medical School  
Dana-Farber Cancer Institute  
Boston, Massachusetts

## CHAIR ELECT

**CHARLES L. SAWYERS, MD**  
Chair, Human Oncology and  
Pathogenesis Program  
The Marie-Josée and Henry R.  
Kravis Chair  
Howard Hughes Medical Institute  
Investigator  
Memorial Sloan Kettering Cancer  
Center  
New York, New York

**KARLA V. BALLMAN, PhD**  
Chief of the Division of  
Biostatistics and Epidemiology  
Department of Healthcare  
Policy and Research  
Weill Cornell Medicine  
New York, New York

**DAVID P. CARBONE, MD, PhD**  
Professor, Division of  
Medical Oncology  
Director, Thoracic Oncology  
Center  
Comprehensive Cancer Center  
The Ohio State University  
Columbus, Ohio

**DENNIS A. CARSON, MD**  
Professor Emeritus  
Department of Medicine  
Moores Cancer Center  
University of California, San Diego  
La Jolla, California

**BRUCE A. CHABNER, MD**  
Professor of Medicine  
Harvard Medical School  
Director of Clinical Research  
Massachusetts General  
Hospital Cancer Center  
Boston, Massachusetts

**NANCY E. DAVIDSON, MD**  
Director, University of  
Pittsburgh Cancer Institute  
UPMC Cancer Centers  
Associate Vice Chancellor  
for Cancer Research  
Professor of Medicine  
Division of Hematology/  
Oncology  
University of Pittsburgh  
School of Medicine  
Pittsburgh, Pennsylvania

**S. GAIL ECKHARDT, MD**  
Professor and Head of the  
Division of Medicine Oncology  
Stapp/Harlow Endowed Chair in  
Cancer Research  
University of Colorado Denver  
and Health Sciences Center  
Senior Associate Director of  
Translational and Collaborative  
Research  
University of Colorado Cancer  
Center  
Aurora, Colorado

**HOWARD A. FINE, MD**  
Director, Weill Cornell Brain  
Tumor Center  
Associate Director of  
Translational Research  
Meyer Cancer Center  
Weill Cornell Medicine  
New York, New York

**PATRICIA A. GANZ, MD**  
Professor, Schools of Medicine  
and Public Health  
Director, Division of Cancer  
Prevention and Control  
Research  
Jonsson Comprehensive  
Cancer Center  
University of California,  
Los Angeles  
Los Angeles, California

**AMATO J. GIACCIA, PhD**  
Jack, Lulu and Sam Willson  
Professor in Cancer Biology  
Director, Division of Radiation  
and Cancer Biology  
Department of Radiation  
Oncology  
Stanford University School  
of Medicine  
Stanford, California

**CARL H. JUNE, MD**  
Richard W. Vague Professor in  
Immunotherapy  
Department of Pathology and  
Laboratory Medicine  
Director Center for Cellular  
Immunotherapies  
Director Translational Research  
Program  
Abramson Cancer Center  
Perelman School of Medicine  
University of Pennsylvania  
Philadelphia, Pennsylvania

**ANDREW L. KUNG, MD, PhD**  
Chair and Professor  
Department of Pediatrics  
Memorial Sloan Kettering  
Cancer Center  
New York, New York

**DREW M. PARDOLL, MD, PhD**  
Director, Cancer Immunology  
Program  
Sidney Kimmel Comprehensive  
Cancer Center  
Abeloff Professorship in  
Oncology  
Johns Hopkins University  
School of Medicine  
Baltimore, Maryland

**DAVID R. PIWNICA-WORMS, MD, PhD**  
Professor and Chair, Department  
of Cancer Systems Imaging  
Deputy Division Head,  
Research Affairs,  
Division of Diagnostic Imaging  
The University of Texas M.D.  
Anderson Cancer Center  
Houston, Texas

**KORNELIA POLYAK, MD, PhD**  
Professor of Medicine  
Department of Medical Oncology  
Dana-Farber Cancer Institute  
Harvard Medical School  
Boston, Massachusetts

**NORMAN E. SHARPLESS, MD**  
Director, Lineberger  
Comprehensive Cancer Center  
Wellcome Distinguished  
Professor of Cancer Research  
Departments of Medicine and  
Genetics  
University of North Carolina  
School of Medicine  
Chapel Hill, North Carolina

# Damon Runyon Clinical Investigator Award Committee (Continued)

**SANDRA L. WONG, MD, MS**  
Chair, Department of Surgery  
Senior Vice President of the  
Surgical Services Line  
Dartmouth-Hitchcock Medical  
Center  
The Geisel School of Medicine at  
Dartmouth  
Lebanon, New Hampshire

*Founding Member*  
**RICHARD J. O'REILLY, MD**  
Chief, Pediatric Bone Marrow  
Transplant Service;  
Claire L. Tow Chair in Pediatric  
Oncology Research  
Memorial Sloan Kettering  
Cancer Center  
New York, New York

## Damon Runyon Clinical Investigator Awards

### CALIFORNIA

**ARASH ASH ALIZADEH, MD, PhD**  
"Targeting the malignant reprogramming of early hematopoietic progenitors to mature aggressive human B-cell lymphomas" with Ronald Levy, MD, Stanford University School of Medicine, Stanford

**AMI S. BHATT, MD, PhD\***  
"Applying microbiome-based therapeutics in cancer patients" with Linda Boxer, MD, PhD, and Michael Snyder, PhD, Stanford University School of Medicine, Stanford

**L. ELIZABETH BUDDÉ, MD, PhD**  
**Damon Runyon-Jake Wetchler Foundation for Innovative Pediatric Cancer Research Clinical Investigator**  
"Targeting CD123 using chimeric antigen receptor T cells for treatment of acute myeloid leukemia" with Stephen J. Forman, MD, FACP, City of Hope, Duarte

### FLORIDA

**MARCO L. DAVILA, MD, PhD**  
"The development and clinical translation of an armored CAR T cell therapy for immune-resistant B cell malignancies" with Michel Sadelain, MD, PhD, Memorial Sloan Kettering Cancer Center, New York, and Claudio Anasetti, MD, Moffitt Cancer Center, Tampa

### ILLINOIS

**JAEHYUK CHOI, MD, PhD\***  
**Doris Duke-Damon Runyon Clinical Investigator**  
"Identification of genetic basis of altered T cell receptor signaling in cutaneous T cell lymphoma" with Stephen D. Miller, PhD, and John D. Crispino, PhD, Northwestern University, Chicago

### MASSACHUSETTS

**PRISCILLA K. BRASTIANOS, MD**  
"Investigation of novel targeted therapeutic approaches for brain metastases" with Keith T. Flaherty, MD, and Tracy T. Batchelor, MD, Massachusetts General Hospital, Boston

**ALEJANDRO GUTIERREZ, MD**  
"Mechanisms and therapeutic targeting of EZH2-dependent chemoresistance in T-ALL" with Stuart H. Orkin, MD, and Anthony G. Letai, MD, PhD, Boston Children's Hospital, Boston

**PETER S. HAMMERMAN, MD, PhD**  
"Development of personalized cancer immunotherapy" with Kwok-Kin Wong, MD, PhD, F. Stephen Hodi, Jr., MD, and Glenn Dranoff, MD, Dana-Farber Cancer Institute, Boston

**GEOFFREY R. OXNARD, MD\***  
**Gordon Family Clinical Investigator**  
"Noninvasive genotyping of cell free plasma DNA (cfDNA) as a tool for guiding personalized lung cancer care" with Pasi A. Janne, MD, PhD, Dana-Farber Cancer Institute, Boston

### ELIEZER M. VAN ALLEN, MD\*

"Dissecting response to conventional and emerging DNA damage and repair therapies" with Levi A. Garraway, MD, PhD, and Philip Kantoff, MD, Dana-Farber Cancer Institute, Boston

### MISSOURI

**VIVEK K. ARORA, MD, PhD\***  
"Defining a targetable oncogenic dyad in bladder cancer" with Lee Ratner, MD, PhD, Washington University, St. Louis

**STEPHEN T. OH, MD, PhD**  
**Doris Duke-Damon Runyon Clinical Investigator**  
"Targeting aberrant signaling pathways in myeloproliferative neoplasms" with Daniel C. Link, MD, Washington University, St. Louis

### NEW YORK

**CHRISTOPHER E. BARBIERI, MD, PhD\***  
**MetLife Foundation Clinical Investigator**  
"Presurgical trials to target distinct subclasses of localized prostate cancer" with Mark A. Rubin, MD, Weill Cornell Medicine, New York

**JOSHUA BRODY, MD**  
"Flt3L-primed 'in situ' vaccination for low-grade lymphoma-Phase I/II study of intratumoral injection of rhuFlt3L and poly-ICLC with low-dose radiotherapy [NCT01976585]" with Nina Bhardwaj, MD, PhD, and Miriam Merad, MD, PhD, Mount Sinai Hospital, New York

# Damon Runyon Clinical Investigator Awards (Continued)

**ALEX KENTSIS, MD, PhD\***  
**Richard Lumsden Foundation  
Clinical Investigator**

“Mechanism and function of regulatory signaling in acute myeloid leukemia” with Scott A. Armstrong, MD, PhD, Dana-Farber Cancer Institute, Boston, and Ross Levine, MD, Memorial Sloan Kettering Cancer Center, New York

**LUC G. MORRIS, MD**  
“Functionalizing tumor suppressor gene mutations and deletions in head and neck cancer” with Timothy A. Chan, MD, PhD, and James A. Fagin, MD, Memorial Sloan Kettering Cancer Center, New York

**HEATHER L. YEO, MD\***  
“Use of mobile applications to evaluate post surgical recovery in aging patients with GI cancer”  
Manish A. Shah, MD, and Deborah Estrin, PhD, MS, Weill Cornell Medicine, New York

## WASHINGTON

**AUDE G. CHAPUIS, MD**  
“To specify the requirements of CD8+ and CD4+ T cells for successful adoptive transfer in solid tumors” with Philip D. Greenberg, MD, Fred Hutchinson Cancer Research Center, Seattle

\*Initial Year

# Damon Runyon Clinical Investigator Award Continuation Grants

## MASSACHUSETTS

**RYAN B. CORCORAN, MD, PhD**  
“Defining novel targeted therapy combination strategies for BRAF V600 mutant colorectal cancer” with Jeffrey A. Engelman, MD, PhD, and Keith T. Flaherty, MD, Massachusetts General Hospital, Charlestown

**ANN MULLALLY, MD\***  
“Peptide vaccination to target mutant calreticulin in myeloproliferative neoplasms” with Benjamin L. Ebert, MD, and Jerome Ritz, MD, Brigham and Women’s Hospital, Boston

## NORTH CAROLINA

**OREN J. BECHER, MD**  
“Regional differences in central nervous system gliomagenesis” with Darell D. Bigner, MD, PhD, Katherine E. Warren, MD, and Michael B. Kastan, MD, Duke University, Durham

## NEW YORK

**SARAT CHANDARLAPATY, MD, PhD**  
**Patterson Trust Clinical Investigator**  
“Therapeutic approaches to PI3K-AKT-mTOR feedback pathways in breast cancer” Neal Rosen, MD, PhD, and Clifford A. Hudis, MD, Memorial Sloan Kettering Cancer Center, New York

## TENNESSEE

**CHRISTINE M. LOVLY, MD, PhD\***  
“Developing novel therapeutic strategies for ALK-fusion positive lung cancer” with David P. Carbone, MD, PhD, The Ohio State University, Columbus, and Pierre P. Massion, MD, Vanderbilt University, Nashville

## TEXAS

**DEEPAK NIJHAWAN, MD, PhD\***  
“Developing the anti-tumor toxin CD437 into a new cancer therapy” with Steve L. McKnight, PhD, and David Johnson, MD, University of Texas Southwestern Medical Center, Dallas

\*Initial Year

# Select Damon Runyon Clinical Investigators



**HEATHER YEO, MD**



**SARAT CHANDARLAPATY, MD, PhD**



**CHRISTINE M. LOVLY, MD, PhD**



# Damon Runyon Fellowship Award Committee

## CHAIR

**SUSAN L. ACKERMAN, PhD**  
Howard Hughes Medical Institute  
Investigator  
Steven W. Kuffler Chair of Biology  
Professor Neurobiology Section  
and Cell and Molecular  
Medicine  
University of California San Diego  
Medical School  
La Jolla, California

## VICE CHAIR

**PHILIPPE M. SORIANO, PhD**  
Professor of Developmental and  
Regenerative Biology  
Professor of Oncological Sciences  
Mount Sinai School of Medicine  
New York, New York

**GREG BARTON, PhD**  
Professor of Immunology and  
Pathogenesis  
Class of 1936 Chair, Department  
of Molecular and Cell Biology  
University of California, Berkeley  
Berkeley, California

**SHARON Y.R. DENT, PhD**  
Professor and J. Ralph Meadows  
Chair  
Department of Molecular  
Carcinogenesis  
Director, Science Park  
Director, Center for Cancer  
Epigenetics  
The University of Texas  
MD Anderson Cancer Center  
Smithville, Texas

**ADOLFO A. FERRANDO, MD, PhD**  
Associate Professor of Pediatrics  
and Pathology  
Director, WOLF Foundation  
Leukemia/Lymphoma Laboratory  
Institute for Cancer Genetics  
Columbia University Medical  
Center  
New York, New York

**JENNIFER GERTON, PhD**  
Investigator  
Associate Professor, Department  
of Biochemistry and  
Molecular Biology  
The University of Kansas School  
of Medicine  
Stowers Institute for Medical  
Research  
Kansas City, Missouri

**ANTONIO J. GIRALDEZ, PhD**  
Investigator  
Professor of Genetics  
Director of Graduate Studies  
Yale University School of  
Medicine  
New Haven, Connecticut

**LUCY A. GODLEY, MD, PhD**  
Professor, Department of  
Medicine  
Section of Hematology and  
Oncology  
Cancer Research Center  
The University of Chicago  
Medicine  
Chicago, Illinois

**RACHEL GREEN, PhD**  
Howard Hughes Medical  
Institute Investigator  
Professor of Molecular Biology  
and Genetics  
Johns Hopkins University School  
of Medicine  
Baltimore, Maryland

**RICHARD GREGORY, PhD**  
Professor, Department of  
Biological Chemistry and  
Molecular Pharmacology, and  
Department of Pediatrics  
Harvard Medical School  
Harvard Stem Cell Institute  
The Stem Cell Program at Boston  
Children's Hospital  
Boston, Massachusetts

**SUSAN KAECH, PhD**  
Associate Professor  
Department of Immunobiology  
Yale University School of  
Medicine  
New Haven, Connecticut

**ALEX L. KOLODKIN, PhD**  
Howard Hughes Medical Institute  
Investigator  
Professor  
The Solomon H. Snyder  
Department of Neuroscience  
Johns Hopkins University  
School of Medicine  
Baltimore, Maryland

**CHRISTINA LESLIE, PhD**  
Associate Member and  
Laboratory Head  
Computational Biology Program  
Memorial Sloan Kettering Cancer  
Center  
New York, New York

**ERIK A. LUNDQUIST, PhD**  
Professor, Department of  
Molecular Biosciences  
University of Kansas  
Lawrence, Kansas

**LYNNE E. MAQUAT, PhD**  
J. Lowell Orbison Endowed Chair  
and Professor  
Department of Biochemistry and  
Biophysics  
School of Medicine and Dentistry  
Director, University of Rochester  
Center for RNA Biology  
Chair, University of Rochester  
Graduate Women in Science  
University of Rochester  
Rochester, New York

**TOBIAS MEYER, PhD**  
Chair, Department of Chemical  
and Systems Biology  
Mrs. George A. Winzer Professor  
in Cell Biology  
Stanford University School of  
Medicine  
Stanford, California

**PHILIP A. NEWMARK, PhD**  
Howard Hughes Medical Institute  
Investigator  
Professor of Cell and  
Developmental Biology  
University of Illinois  
Urbana, Illinois

**ELAINE A. OSTRANDER, PhD \***  
Chief and NIH Distinguished  
Investigator  
Cancer Genetics and  
Comparative Genomics Branch  
Head, Comparative Genetics  
Section  
National Human Genome  
Research Institute  
Bethesda, Maryland  
*\*Dr. Ostrander is serving in her personal  
capacity.*

**JOEL ROTHMAN, PhD**  
Professor and Wilcox Family  
Chair in Biotechnology  
University of California, Santa  
Barbara  
Santa Barbara, California

**DAVID RUGGERO, PhD**  
Professor  
Helen Diller Family Endowed  
Chair in Basic Research  
University of California San  
Francisco School of Medicine  
Member, UCSF Comprehensive  
Cancer Center  
San Francisco, California

# Damon Runyon Fellowship Award Committee (Continued)

**JULIEN SAGE, PhD**

Professor, Department of  
Pediatrics (Hematology/  
Oncology) and Genetics  
Stanford University School of  
Medicine  
Stanford, California

**SOHAIL TAVAZOIE, MD, PhD**

Leon Hess Assistant Professor  
Head, Elizabeth and Vincent  
Meyer Laboratory of Systems  
Cancer Biology  
The Rockefeller University  
New York, New York

**MATTHEW G. VANDER HEIDEN,  
MD, PhD**

Eisen and Chang Career  
Development Professor  
Associate Professor of Biology  
Koch Institute for Integrative  
Cancer Research at MIT  
Cambridge, Massachusetts

**AMY WAGERS, PhD**

Professor of Stem Cell and  
Regenerative Biology  
Harvard University  
Cambridge, Massachusetts

**HONGTAO YU, PhD**

Howard Hughes Medical Institute  
Investigator  
Professor, Department of  
Pharmacology  
The University of Texas  
Southwestern Medical Center  
Dallas, Texas

## Damon Runyon Fellowship Awards

**CALIFORNIA**

**Gladstone Institutes**

**CASEY A. GIFFORD, PhD  
HHMI Fellow**

“Dissecting the role of pioneer  
transcription factors in cancer  
progression” with Deepak  
Srivastava, MD

**Salk Institute**

**CORINA E. ANTAL, PhD\***

“Stromal reprogramming as  
a therapeutic approach in  
pancreatic cancer” with Ronald  
M. Evans, PhD

**JEANINE L. VAN NOSTRAND, PhD**

“Elucidating the AMPK-  
dependent regulation of mTOR  
signaling in the metabolic  
checkpoint of tumorigenesis”  
with Reuben J. Shaw, PhD

**Scripps Research Institute**

**LIRON BAR-PELED, PhD  
Lallage Feazel Wall Fellow**

“Identification of cysteine  
liabilities in NRF2-driven cancers”  
with Benjamin F. Cravatt, PhD

**EVGENIA N. NIKOLOVA, PhD  
Robert Black Fellow**

“Recognition of methylated and  
specific DNA sequences by  
the zinc finger transcriptional  
repressor Kaiso and modulation  
by other nuclear factors” with  
Peter E. Wright, PhD

**JOSEPH D. SCHONHOFT, PhD  
Merck Fellow**

“Probing the relation between  
sequence, aggregation and  
proteotoxicity in cardiac  
amyloidoses caused by free  
antibody light chains” with  
Jeffery W. Kelly, PhD

**Stanford University**

**CHRISTOPHER J. CAMBIER, PhD\*  
HHMI Fellow**

“*In vivo* characterization of  
mycobacterial cording” with  
Carolyn R. Bertozzi, PhD

**Stanford University School  
of Medicine**

**ANUPAM K. CHAKRAVARTY,  
PhD  
HHMI Fellow**

“Investigating the phenomenon  
of epigenetic inheritance  
mediated by non-amyloid protein  
aggregates” with Daniel F. Jarosz,  
PhD

**KEREN I. HILGENDORF, PhD  
Layton Family Fellow**

“Role of ciliary IGF-1/AKT signaling in  
ciliogenesis, adipogenesis, and tissue  
regeneration” with Peter K. Jackson,  
PhD

**KATHRIN LEPPEK, PhD  
Layton Family Fellow**

“Mechanistic characterization  
of 5'UTR RNA elements that  
confer translational specificity  
to shape vertebrate embryonic  
development” with Maria Barna,  
PhD

**YIN LIU, PhD  
Layton Family Fellow**

“Sensing lung tumors by  
pulmonary sensory neurons” with  
Mark A. Krasnow, MD, PhD

**ANDREW R. NAGER, PhD  
Fayez Sarofim Fellow**

“Dissecting the mechanism of  
selective diffusion into the primary  
cilium” with Maxence V. Nachury,  
PhD

**ROHITH K. SRIVAS, PhD**

“Longitudinal profiling of host-  
microbiome interactions in obese  
patients during drastic weight  
loss” with Michael P. Snyder, PhD

**ALBERT G. TSAI, MD, PhD\*\***

“Diagnosis of hematologic  
malignancies from paucicellular  
aspirate material using highly  
multiplexed single cell analysis”  
with Sean C. Bendall, PhD

**University of California,  
Berkeley**

**JUSTIN M. CREST, PhD**

“Cells, ECM, and the mechanical  
forces that regulate organ shape”  
with David Bilder, PhD

**FUGUO JIANG, PhD  
Merck Fellow**

“Molecular mechanisms of guide  
RNA: target dsDNA binding and  
PAM recognition by CRISPR/  
Cas9” with Jennifer A. Doudna, PhD

**STEVEN LIN, PhD**  
**HHMI Fellow**

“Biochemical characterizations and optimization of CRISPR/Cas9 for genome engineering” with Jennifer A. Doudna, PhD

**MANDY M. MULLER, PhD**  
**HHMI Fellow**

“Widespread RNA destruction and selective preservation during viral infection” with Britt Glaunsinger, PhD

**NEEL H. SHAH, PhD**  
“Interrogating ZAP-70 substrate recognition using high-throughput mutant screening” with John Kuriyan, PhD

**NIRANJAN SRINIVAS, PhD\***  
“Mutual repression, bistability, and switch-like decisions during development” with Hernan G. Garcia, PhD, and Adam P. Arkin, PhD

**DAVID W. TAYLOR, PhD**  
“Structures of the RNA-targeting CRISPR-Cas complex Cmr” with Eva Nogales, PhD

**University of California, Los Angeles**

**MAGDALENA E. POTOK, PhD**  
**HHMI Fellow**  
“The relationship between epigenetic gene silencing, nuclear architecture, and genome stability” with Steven E. Jacobsen, PhD

**MICHAEL A. CIANFROCCO, PhD**  
**HHMI Fellow**  
“How does dynein achieve processivity?” with Andres Leschziner, PhD, and Samara L. Reck-Peterson, PhD

**ERIC L. VAN NOSTRAND, PhD**  
**Merck Fellow**  
“Improved RNA binding protein target identification by eCLIP-seq and integrative analysis of RNA regulatory networks across neuronal differentiation and medulloblastoma” with Eugene Yeo, PhD

**University of California, San Francisco**

**BRITTANY ADAMSON, PhD**  
**HHMI Fellow**  
“Comprehensive characterization of the integrated networks that regulate protein homeostasis within the mammalian endoplasmic reticulum” with Jonathan S. Weissman, PhD

**TRACY T. CHOW, PhD**  
“Investigating and engineering non-canonical telomere maintenance mechanisms in human cells” with Elizabeth H. Blackburn, PhD

**KYLE G. DANIELS, PhD\***  
“Controlling T cell signaling and fate choice using synthetic receptors” with Wendell A. Lim, PhD

**ALBA DIZ MUÑOZ, PhD**  
“How neutrophils convert changes in membrane tension to changes in intracellular signaling during chemotaxis” with Orion D. Weiner, PhD, and Daniel A. Fletcher, PhD

**MARY W. ELTING, PhD**  
“Probing how kinetochore-fibers anchor to spindles to robustly and accurately segregate chromosomes” with Sophie Dumont, PhD

**QI HU, PhD**  
“Design of inhibitors of cancer-associated mutant GNAS” with Kevan M. Shokat, PhD

**JEFFREY A. HUSSMANN, PhD\***  
**Rebecca Ridley Kry Fellow**  
“Genome-wide measurement of ribosome spacing on individual transcripts” with Carol A. Gross, PhD

**ANKUR JAIN, PhD**  
“Formation and function of mRNA processing bodies” with Ronald D. Vale, PhD

**BRIAN J. LAIDLAW\*, PhD**  
“Role of EB12 in the regulation of lymphocyte migration during viral infection and cancer” with Jason G. Cyster, PhD

**JESSICA P. LAO, PhD**  
“Identifying metabolic targets of the DNA damage checkpoint” with David P. Toczyski, PhD

**WENYU LUO, PhD**  
“A *Drosophila* model to study resilience to social stress and depression-like behavior” with Yuh-Nung Jan, PhD

**GABRIELA C. MONSALVE, PhD**  
**Robert Black Fellow**  
“Identification and characterization of plasma membrane transporters for glucocorticoids” with Keith R. Yamamoto, PhD

**LYNDSAY M. MURROW, PhD**  
“Fate specification of mammary stem cells by cell self-sorting” with Zev J. Gartner, PhD

**DUY P. NGUYEN, PhD**  
**Connie and Bob Lurie Fellow**  
“Genome editing via an engineered RNA-guided nuclease to create cancer genetic models” with James A. Wells, PhD

**THOMAS M. NORMAN, PhD**  
“Identifying the stochastic determinants of drug resistance” with Jonathan S. Weissman, PhD

**BEVERLY J. PIGGOTT, PhD**  
**Lefkofsky Family Fellow**  
“Brain tumor suppression by mutation(s) of the voltage-gated sodium channel Para” with Yuh-Nung Jan, PhD

**ALEX POLLEN, PhD**  
“Regulation of proliferation, migration and angiogenesis by genes uniquely expressed in human neural stem cells” with Arnold R. Kriegstein, MD, PhD

**ERIN F. SIMONDS, PhD**  
“Single-cell analysis and targeting of signaling networks in glioblastoma tumor-initiating cells” with William A. Weiss, MD, PhD

**JAKOB VON MOLTKE, PhD**  
**HHMI Fellow**  
“Innate type II cells and wound healing” with Richard Locksley, MD

**VICTORIA E. WANG, MD PhD†**  
“The role of the c-Met/Hepatocyte growth factor (HGF) pathway in drug resistance and tumor metastasis” with Frank McCormick, PhD

# Damon Runyon Fellowship Awards (Continued)

## ANDREW L. WOLFE, PhD

"The therapeutic potential and biological effects of targeting oncogenic KRAS" with Frank McCormick, PhD

## JIAXI WU, PhD\*

"Mechanism of dendritic cell missing-self recognition and migration to activate CD4 T cell responses" with Jason Cyster, PhD

## COLORADO

### University of Colorado, Boulder

#### JENS C. SCHMIDT, PhD Merck Fellow

"Single-molecule analysis of telomerase recruitment to telomeres" with Thomas R. Cech, PhD

## CONNECTICUT

### Yale School of Medicine

#### ZHUOBIN LIANG, PhD\*

"Mechanistic dissection of the Fanconi anemia pathway in coordinating R-loop processing and DNA repair" with Patrick Sung, DPhil, and Gary M. Kupfer, MD

#### SEYED FAKHREDDIN TORABI, PhD\*

"Evolution of triplex-forming RNAs from random sequences: a search for additional MALAT1-like triplex motifs" with Joan A. Steitz, PhD

## ILLINOIS

### The University of Chicago

#### JOHN D. LEONARD, PhD\*

"Self-antigen recognition by regulatory T cells" with Erin J. Adams, PhD, and Peter A. Savage, PhD

#### SIGRID NACHTERGAELE, PhD HHMI Fellow

"The dynamic N1-methyladenosine methylome in eukaryotic mRNA" with Chuan He, PhD

## University of Illinois

#### SARAH Z. TASKER, PhD\* HHMI Fellow

"Synthesis and evaluation of a collection of complex molecules biased for penetration of the blood-brain barrier" with Paul J. Hergenrother, PhD

## MARYLAND

### John Hopkins University, Baltimore

#### DANIEL H. GOLDMAN, PhD \* Merck Fellow

"Elucidating the role of the exon junction complex in regulating translation of spliced mRNA" with Rachel Green, PhD

#### CHIH-YUNG LEE, PhD HHMI Fellow

"Regulation of primordial germ cell fate in *Caenorhabditis elegans*" with Geraldine Seydoux, PhD

#### VU QUANG NGUYEN, PhD

"Role of chromatin organization in dynamics of transcription initiation" with Carl Wu, PhD

#### HANJING PENG, PhD

"Targeting the proteasome using a hybrid, combinatorial rapafucin library" with Jun O. Liu, PhD

#### BORIS ZINSHTEYN, PhD\* HHMI Fellow

"Mechanisms of splicing-independent nonsense-mediated mRNA decay" with Rachel Green, PhD

## National Institutes of Health

#### DANFENG CAI, PhD

"Protein crowding and protein folding landscapes as predictors of healthy and diseased cell states" with Jennifer Lippincott-Schwartz, PhD

#### DANIEL E. WEBSTER, PhD Philip O'B Montgomery, Jr., MD, Fellow

"Identification and analysis of LncRNAs regulating diffuse large B cell lymphoma" with Louis M. Staudt, MD, PhD

## MASSACHUSETTS

### Boston Children's Hospital

#### MEGAN L. INSCO, MD, PhD\*\*

"Investigating transcriptional cyclin dependent kinases as novel melanoma drug targets" with Leonard I. Zon, MD

### Brigham and Women's Hospital

#### EMMA WATSON, PhD\*

Suzanne and Bob Wright Fellow  
"Metabolic stress response: Exploring transcript-level regulation of metabolic feedback" with Stephen Elledge, PhD

#### TIMOTHY D. MARTIN, PhD Marion Abbe Fellow

"Investigating the role of aneuploidy and haploinsufficiency in driving tumorigenesis" with Stephen J. Elledge, PhD

### Dana-Farber Cancer Institute

#### DENNIS L. BUCKLEY, PhD Merck Fellow

"Development of selective brodomain inhibitors from dual brodomain-kinase inhibitors for the treatment of neuroblastoma" with James E. Bradner, MD

#### SERKAN KIR, PhD Robert Black Fellow

"Identification of factors that induce brown fat activity in cancer cachexia" with Bruce M. Spiegelman, PhD

#### NEIL T. UMBREIT, PhD HHMI Fellow

"Elucidating the mechanism of chromosome bridge resolution" with David S. Pellman, MD

#### ERIC S. WANG, PhD\*

"Enhancing anti-tumor immunity via pharmacological inhibition of kinases" with Nathanael S. Gray, PhD

**Harvard T.H. Chan School  
of Public Health**

**CAITLIN A. BRENNAN, PhD**  
**Dennis and Marsha Dammerman  
Fellow**

“Mechanisms underlying  
Fusobacterium nucleatum-driven  
colorectal cancer” with Wendy S.  
Garrett, MD, PhD

**Harvard Medical School**

**RYAN D. BALDRIDGE, PhD**  
**Fraternal Order of Eagles Fellow**

“Investigating the mechanism of  
retro-translocation by ERAD” with  
Tom A. Rapoport, PhD

**JUSTIN A. BOSCH, PhD\***  
“Elucidating the biological  
functions of polypeptide transfer  
between animal cells” with  
Norbert Perrimon, PhD

**IVANA GASIC, DrSc\***  
**Merck Fellow**  
“Molecular elucidation of the  
interphase microtubule integrity  
response (MIR)” with Timothy J.  
Mitchison, PhD

**NATASHA M. O'BROWN, PhD\***  
“Molecular and cellular  
mechanisms of transcytosis  
regulation in blood-brain barrier  
function” with Chenghua Gu,  
PhD

**NIKHIL SHARMA, PhD\***  
“Neural control of breathing” with  
Stephen Liberles, PhD

**JUSTIN L. SPARKS, PhD**  
“Replicative helicase bypass  
of bulky DNA adducts?” with  
Johannes C. Walter, PhD

**BENJAMIN M. STINSON, PhD\***  
“Mechanism of DNA processing  
during non-homologous end  
joining” with Johannes C. Walter,  
PhD, and Joseph L. Loparo, PhD

**HUME A. STROUD, PhD**  
**HHMI Fellow**  
“Understanding the mechanism  
and roles of changes in  
chromatin composition in the  
brain” with Michael E. Greenberg,  
PhD

**TONY Y. TSAI, MD, PhD**  
**Kenneth G. and Elaine A.  
Langone Fellow**  
“Cell sorting in zebrafish neural  
tube development” with Sean G.  
Megason, PhD

**THOMAS S. VIERBUCHEN, PhD**  
**HHMI Fellow**  
“Understanding the  
developmental programming  
and function of the enhancers  
that control activity-regulated  
transcription in the mammalian  
cortex” with Michael E.  
Greenberg, PhD

**Harvard University**

**PHILIP B. ABITUA, PhD\***  
“Functional characterization  
of signaling molecules during  
zebrafish embryogenesis” with  
Alexander F. Schier, PhD

**BRIAN J. BELIVEAU, PhD\***  
**HHMI Fellow**  
“Decoding Polycomb-mediated  
gene regulation in single cells  
with single-molecule super  
resolution imaging and synthetic  
biology” with Peng Yin, PhD

**AVINASH KHANNA, PhD**  
**Rebecca Ridley Kry Fellow**  
“Disrupting the protein-protein  
interactions of CDK8 to target  
cancer” with Matthew D. Shair,  
PhD

**SUMMER B. THYME, PhD**  
**HHMI Fellow**  
“Chromatin modifications and  
pioneer transcription factors in  
development” with Alexander F.  
Schier, PhD

**ERIC M. WOERLY, PhD**  
**Suzanne and Bob Wright Fellow**  
“Accessing new cancer  
therapeutics via an intermolecular  
fluorofunctionalization reaction”  
with Eric N. Jacobsen, PhD

**SUNGWOOK WOO, PhD**  
**HHMI Fellow**  
“Crystal-free crystallography using  
programmable 3D DNA crystal  
frameworks” with Peng Yin, PhD

**Massachusetts General  
Hospital**

**KAI MAO, PhD**  
“Mechanisms of xenobiotic  
surveillance and regulation” with  
Gary Ruvkun, PhD

**IVA A. TCHASOVNIKAROVA,  
PhD\***  
“Deciphering the role of chromatin  
remodeling in epigenetic  
repression by the HUSH complex”  
with Robert E. Kingston, PhD

**OZLEM YILDIRIM, PhD**  
**HHMI Fellow**  
“Role of LncRNAs in inheritance  
of chromatin states during self-  
renewal and differentiation” with  
Robert E. Kingston, PhD

**Massachusetts Institute  
of Technology**

**ALLISON N. LAU, PhD**  
**Robert Black Fellow**  
“Understanding metabolic  
heterogeneity in pancreatic  
cancer” with Matthew G. Vander  
Heiden, MD, PhD

**JOSE M. ORDOVAS-MONTANES,  
PhD\***  
**HHMI Fellow**  
“Single-cell genomic approaches  
for tracing the contribution of  
inflammation to human colon  
cancer” with Alex K. Shalek, PhD

**CHENXI TIAN, PhD**  
**Sherry and Alan Leventhal  
Family Fellow**  
“Understanding the roles  
of extracellular matrix  
proteins in pancreatic ductal  
adenocarcinoma progression”  
with Richard O. Hynes, PhD

**PETER M. WESTCOTT, PhD\***  
“Exploiting endogenous  
mutational processes in  
cancer to enhance response to  
immunotherapy” with Tyler Jacks,  
PhD

**University of Massachusetts  
Medical School**

**GINA V. CALDAS, PhD**  
“Analysis of CSR- function in *C.  
elegans* embryonic cell division”  
with Craig C. Mello, PhD

**Whitehead Institute for  
Biomedical Research**

**WENWEN FANG, PhD**  
**HHMI Fellow**  
“Mechanism and regulation of  
primary-microRNA processing”  
with David P. Bartel, PhD

**JUNJIE U. GUO, PhD**  
**Dale F. and Betty Ann Frey Fellow**  
“Charting the *in vivo* landscape  
of RNA-RNA interactions” with  
David P. Bartel, PhD

**ALEXANDER M. JAEGER, PhD\***  
**HHMI Fellow**  
“Surveying the chromatin  
architecture shaped by HSF1 in  
cancer” with Susan Lindquist, PhD



# Damon Runyon Fellowship Awards (Continued)

**XIAOXIAO S. LIU, PhD**

“Examining the biological function of 5-hmC modification in the mammalian genome” with Rudolf Jaenisch, MD

**MARIA M. MIHAYLOVA, PhD**  
**Robert Black Fellow**

“Examining how nutrient state dependent metabolic reprogramming in adult stem cell niches controls cell renewal, differentiation and tumorigenesis” with David M. Sabatini, MD, PhD

## MICHIGAN

### University of Michigan

**SWATHI YADLAPALLI, PhD**  
**HHMI Fellow**

“Neural and genetic basis of metabolic regulation” with Orie T. Shafer, PhD, and Edgar Meyhofer, PhD

## NEW YORK

### Cornell University

**SUDEEP BANJADE, PhD\***  
**HHMI Fellow**

“Division of labor in ESCRT-III proteins during polymer assembly and membrane remodeling” with Scott D. Emr, PhD

### Cold Spring Harbor Laboratory

**CHRISTINE I. CHIO, PhD**  
**Shirley Stein Fellow**

“Regulation of the global redox landscape: Investigating the role of Nrf2 in pancreatic cancer development” with David A. Tuveson, MD, PhD

### Memorial Sloan Kettering Cancer Center

**NICHOLAS ARPAIA, PhD**  
**Robert Black Fellow**

“The role of microbiota-derived metabolic signals in shaping the intestinal immune landscape” with Alexander Y. Rudensky, PhD

**HARIHAR BASNET, PhD\***

“Identifying determinants of latency in brain metastatic breast cancer cells” with Joan Massague, PhD

**LYDIA FINLEY, PhD**

**Jack Sorrell Fellow**

“Regulation of cancer cell growth and survival by the propionate catabolic pathway” with Craig B. Thompson, MD

**BRYAN C. KING, PhD**  
**Berger Foundation Fellow**

“AMPK-induced catabolism of extracellular proteins: a novel survival mechanism for nutrient-deprived cancer cells” with Craig B. Thompson, MD

**WILLIAM RAZZELL, PhD**  
**HHMI Fellow**

“The role of tension in Hippo pathway signaling” with Jennifer A. Zallen, PhD

**AARON D. VINY, MD†**  
**William Raveis Charitable Fund Fellow**

“Role of the cohesin complex in oncogenic transformation of AML” with Ross L. Levine, MD

**DMITRIY ZAMARIN, MD, PhD†**  
**Dr. Bart A. Kamen Fellow**

“Immunotherapeutic approach to cancer treatment integrating oncolytic virotherapy and immune checkpoint regulation” with Jedd D. Wolchok, MD, PhD

### New York University School of Medicine

**LACY J. BARTON, PhD**

“Mechanisms of directed cell migration in a complex *in vivo* environment” with Ruth Lehmann, PhD

**JUNE-YONG LEE, PhD**  
**HHMI Fellow**

“Investigation of potential roles of serum amyloid A in peripheral Th17 cell pathogenicity” with Dan R. Littman, MD, PhD

### The Rockefeller University

**CHAO LU, PhD**  
**Kandarian Family Fellow**

“Understanding the mechanism of histone H3 mutation in cancer initiation and maintenance” with C. David Allis, PhD

**RAND M. MILLER, PhD**

**Illini 4000 Fellow**

“Chemistry-based dissection of multidrug resistance efflux pump mechanisms in living cells” with Tarun M. Kapoor, PhD

**SHRUTI NAIK, PhD**

“Immune and epidermal stem cell cross talk in skin inflammation” with Elaine V. Fuchs, PhD

**ALEXEY A. SOSHNEV, MD, PhD**  
**HHMI Fellow**

“The study of linker histone H1 in transcriptional regulation and genome organization” with C. David Allis, PhD

**JONATHAN R. WHICHER, PhD**  
**GE Asset Management Fellow**

“Structure and mechanism of the voltage-gated potassium channel hEag1” with Roderick MacKinnon, MD

**LINGHE XI, PhD\***

**Dale F. and Betty Ann Frey Fellow**

“WNT signaling and fate specification of normal versus tumorigenic stem cells” with Elaine V. Fuchs, PhD

## TEXAS

### Baylor College of Medicine

**CHRISTINE R. BECK, PhD**  
**HHMI Fellow**

“Mechanisms underlying copy number gain in cancer and genomic disorder-associated complex rearrangements” with James R. Lupski, MD, PhD

### University of Texas Southwestern Medical Center

**LINDSAY B. CASE, PhD\***

“Regulation of integrin clustering on supported lipid bilayers” with Michael K. Rosen, PhD

**ELISE C. JEFFERY, PhD\***

“Characterizing a new hematopoietic stem cell niche factor” with Sean J. Morrison, PhD

UTAH

University of Utah School of Medicine

ALESIA N. MCKEOWN, PhD\*  
HHMI Fellow

“Novel roles for retrogenes in host immunity” with Nels C. Elde, PhD, and Cedric Feschotte, PhD

VIRGINIA

Howard Hughes Medical Institute Janelia Research Campus

ALBERT TSAI, PhD

“Single-molecule imaging of transcription factors binding dynamics in *Drosophila* embryos” with Robert H. Singer, PhD

\*Initial Year  
\* Physician Scientist

WASHINGTON

Fred Hutchinson Cancer Research Center

TERA C. LEVIN, PhD  
HHMI Fellow

“Master microbial manipulators: how *Wolbachia* subvert *Drosophila* development” with Harmit S. Malik, PhD

MATTHEW P. MILLER, PhD  
HHMI Fellow

“Regulation of kinetochore assembly” with Susan Biggins, PhD

ANTOINE MOLARO, PhD  
“Evolutionary and functional consequences of genetic conflicts between KRAB-Zinc-Fingers and endogenous retroviruses in primate genomes” with Harmit S. Malik, PhD

ALISTAIR B. RUSSELL, PhD  
Merck Fellow

“Impact of heterogeneity on the cellular recognition of influenza infection” with Jesse D. Bloom, PhD

YING QI SHIRLEEN SOH, PhD\*  
“Mapping paths and mechanisms of virus-host adaptation” with Jesse D. Bloom, PhD

University of Washington

RONALD J. HAUSE, PhD  
“Function dissection of the effects of variants of uncertain significance in TPMT in response to thiopurine anticancer agents” with Jay A. Shendure, MD, PhD

YI YIN, PhD\*  
William Raveis Charitable Fund Fellow

“Global analysis of DNA break repair by single-cell sequencing” with Jay A. Shendure, MD, PhD

Damon Runyon-Sohn Pediatric Cancer Fellowship Award Committee

CHAIR

WILLIAM L. CARROLL, MD  
Julie and Edward J. Minskoff  
Professor of Pediatrics and  
Professor of Pathology  
Director, Division of Pediatric  
Hematology/Oncology  
Associate Chair, Clinical and  
Translational Research  
Stephen D. Hassenfeld Children’s  
Center for Cancer and Blood  
Disorders  
New York University Langone  
Medical Center  
New York, New York

CHAIR ELECT

SCOTT A. ARMSTRONG, MD, PhD  
Chair, Department of Pediatric  
Oncology  
Dana-Farber Cancer Institute  
David G. Nathan Professor of  
Pediatrics, Harvard Medical  
School  
Associate Chief of the Division of  
Hematology/Oncology at  
Boston Children’s Hospital  
Boston, Massachusetts

PATRICK A. BROWN, MD  
Director, Pediatric Leukemia  
and Lymphoma Program  
Associate Professor, Department  
of Oncology  
Johns Hopkins University  
School of Medicine  
Baltimore, Maryland

PETER D. COLE, MD  
Associate Professor, Department  
of Pediatrics  
Albert Einstein College  
of Medicine  
Montefiore Medical Center  
Bronx, New York

LISA R. DILLER, MD  
Chief Medical Officer  
Dana-Farber Children’s  
Hospital Cancer Center  
Clinical Director, Pediatric  
Oncology  
Dana-Farber Cancer Institute  
Boston, Massachusetts

ADOLFO A. FERRANDO, MD, PhD  
Associate Professor of  
Pediatrics and Pathology  
Director, WOLF Foundation  
Leukemia/Lymphoma  
Laboratory  
Institute for Cancer Genetics  
Columbia University  
Medical Center  
New York, New York

JAMES M. OLSON, MD, PhD  
Member  
Division of Clinical Research  
Fred Hutchinson Cancer  
Research Center  
Seattle, Washington

MARTINE F. ROUSSEL, PhD  
Member and Endowed Chair in  
Molecular Oncogenesis  
Co-Director, Cancer Center Signal  
Transduction Program  
Department of Tumor Cell  
Biology and Genetics  
St. Jude Children’s  
Research Hospital  
Memphis, Tennessee  
(Adjunct Professor,  
The University of Tennessee  
Health Science Center)

# Damon Runyon-Sohn Pediatric Cancer Fellowship Awards

## CALIFORNIA

**ÖZLEM AKSOY, PhD**

“Understanding the role of translational control in humanized mouse models for medulloblastoma” with Davide Ruggero, PhD, University of California, San Francisco

**ZHIPENG LU, PhD**

**Layton Family Fellow of the Damon Runyon-Sohn Foundation Pediatric Cancer Fellowship Award**

“Elucidating the role of dynamic RNA structures in cancer” with Howard Y. Chang, MD, PhD, Stanford University School of Medicine, Stanford

**AMIT J. SABNIS, MD†**

“Exploiting chaperone dependence as a novel therapeutic strategy in alveolar rhabdomyosarcoma” with Trevor G. Bivona, MD, PhD, University of California, San Francisco

## MARYLAND

**STACY L. COOPER, MD†**

“The Cebpa +37kb enhancer is a critical target of transformation in acute myeloid leukemia” with Alan D. Friedman, MD, Johns Hopkins University, Baltimore

**MICHAEL A. KOLDOBSKIY, MD, PhD\*†**

“DNA methylation stochasticity in pediatric pre-B cell acute lymphoblastic leukemia” with Andrew P. Feinberg, MD, Johns Hopkins University, Baltimore

**CARA A. RABIK, MD, PhD\*†**

“Determination of the role of WTI in hematopoiesis and leukemogenesis” with Patrick A. Brown, MD, Johns Hopkins University, Baltimore

## MASSACHUSETTS

**AMANDA L. BALBONI, PhD**

“Targeting the EWS-FLI oncoprotein in Ewing sarcoma with CDK12/13 inhibitors” with Kimberly Stegmaier, MD, Dana-Farber Cancer Institute, Boston

**HAIHUA CHU, PhD**

“The role of DOT1L in pediatric leukemias” with Scott A. Armstrong, MD, PhD, Dana-Farber Cancer Institute, Boston

**SHUIBIN LIN, PhD**

“Molecular and cellular characterization of a novel LincRNA in neuroblastoma” with Richard Gregory, PhD, Boston Children’s Hospital, Boston

**MARK W. ZIMMERMAN, PhD**

“Elucidating the mechanism of CHD5-mediated tumor suppression in neuroblastoma” with A. Thomas Look, MD, Dana-Farber Cancer Institute, Boston

## MICHIGAN

**CHALLICE L. BONIFANT, MD, PhD\*†**

“Dual-antigen targeting by ENG-T cells as improved anti-AML therapy” with Pavan Reddy, MD, University of Michigan, Ann Arbor

## NEW YORK

**LY P. VU, PhD**

“Uncovering the role of RNA-binding protein Syncrip in acute myeloid leukemia (AML)” with Michael G. Kharas, PhD, and Ross L. Levine, MD, Memorial Sloan Kettering Cancer Center, New York

## PENNSYLVANIA

**TAMARA P. MILLER, MD\*†**

“Improving adverse event reporting on cooperative oncology group trials” with Richard Aplenc, MD, PhD, Children’s Hospital of Philadelphia, Philadelphia

## TENNESSEE

**DAVID W. WOESSNER, PhD**

“Discovery of new driver alterations in childhood ALL” with Charles G. Mullighan, MBBS, MD, St. Jude Children’s Research Hospital, Memphis

\*Initial Year  
† Physician Scientist

# Damon Runyon-Dale F. Frey Awards for Breakthrough Scientists

**GIRA BHABHA, PhD\***

“High-resolution studies of dynein structure and mechanism” at New York University Medical School, New York, New York

**ALISTAIR N. BOETTIGER, PhD\***

“Using super resolution imaging to probe molecular mechanisms of Polycomb silencing” at Stanford University, Stanford, California

**MINGYE FENG, PhD\***

“Macrophage-mediated immunosurveillance in metastasis” at Stanford University, Stanford, California

**RALPH E. KLEINER, PhD\***

“Investigating the importance of post-translational microtubule modification using recombinant acetylated tubulin” at Princeton University, Princeton, New Jersey



*Damon Runyon-Dale F. Frey Scientist*  
**GIRA BHABHA, PhD**

# Damon Runyon Physician-Scientist Training Award Committee

## CHAIR

**WILLIAM G. KAE LIN, JR., MD**  
Howard Hughes Medical  
Institute Investigator  
Professor of Medicine  
Harvard Medical School  
Dana-Farber Cancer Institute  
Boston, Massachusetts

**DAVID P. CARBONE, MD, PhD**  
Professor, Division of  
Medical Oncology  
Director, Thoracic  
Oncology Center  
Comprehensive Cancer Center  
The Ohio State University  
Columbus, Ohio

**PATRICIA A. GANZ, MD**  
Professor, Schools of Medicine  
and Public Health  
Director, Division of Cancer  
Prevention and Control Research  
Jonsson Comprehensive  
Cancer Center  
University of California, Los Angeles  
Los Angeles, California

**LUCY A. GODLEY, MD, PhD**  
Professor  
Department of Medicine  
Section of Hematology  
and Oncology  
The University of Chicago  
Medicine  
Chicago, Illinois

**PETER S. NELSON, MD**  
Member  
Program in Prostate  
Cancer Research  
Division of Human Biology  
Fred Hutchison Cancer  
Research Center  
Professor, Division of  
Medical Oncology  
Adjunct Professor, Genomic  
Sciences and Pathology  
University of Washington  
School of Medicine  
Seattle, Washington

**KORNELIA POLYAK, MD, PhD**  
Professor of Medicine  
Department of Medical Oncology  
Dana-Farber Cancer Institute  
Harvard Medical School  
Boston, Massachusetts

**JEREMY N. RICH, MD**  
Chair, Department Stem Cell  
Biology and Regenerative  
Medicine  
Lerner Research Institute  
The Cleveland Clinic Foundation  
Cleveland, Ohio

**NORMAN E. SHARPLESS, MD**  
Director, Lineberger  
Comprehensive Cancer Center  
Wellcome Distinguished  
Professor of Cancer Research  
Departments of Medicine  
and Genetics  
University of North Carolina  
School of Medicine  
Chapel Hill, North Carolina

**CASSIAN YEE, MD**  
Professor, Department of  
Melanoma Medical Oncology  
Professor, Department of  
Immunology  
Division of Cancer Medicine  
Director, Solid Tumor Cell  
Therapy  
Center for Cancer Immunology  
Research  
The University of Texas M.D.  
Anderson Cancer Center  
Houston, Texas

# Damon Runyon Physician-Scientist Training Awards

**PAVAN BACHIREDDY, MD**  
“Coevolution of tumor and T  
cell heterogeneity following  
immunotherapy” with Catherine  
J. Wu, MD, at Dana-Farber Cancer  
Institute, Boston, Massachusetts

**GIADA BIANCHI, MD\***  
**Damon Runyon-Celgene  
Physician-Scientist**  
“Molecular mechanisms of  
ROBO1 in multiple myeloma  
pathogenesis” with Kenneth  
C. Anderson, MD, Dana-Farber  
Cancer Institute, Boston,  
Massachusetts

**KRISTOPHER R. BOSSE, MD\***  
“GPC2 as an oncogene and  
immunotherapeutic target in  
high-risk neuroblastoma” with  
John M. Maris, MD, Children’s  
Hospital of Philadelphia,  
Pennsylvania

**JULIA C. CARNEVALE, MD\***  
“Developing new therapeutic  
approaches for pancreatic cancer  
with homologous recombination  
repair defects” with Alan  
Ashworth, PhD, University  
of California, San Francisco,  
California

**MICHAEL W. DRAZER, MD\***  
“Defining leukomogenic  
mechanisms in hereditary  
hematologic malignancies” with  
Lucy A. Godley, MD, PhD, The  
University of Chicago Medicine,  
Chicago, Illinois

**CAROLYN C. JACKSON, MD,  
MPH**  
“Genetic dissection of pediatric  
classic Kaposi sarcoma” with  
Jean-Laurent Casanova, MD, PhD,  
at Memorial Sloan Kettering  
Cancer Center, New York,  
New York

**DAVID M. KURTZ, MD\***  
“Response prediction and  
personalized therapy from  
mathematical modeling of  
circulating tumor DNA in non-  
Hodgkin lymphoma” with Arash  
A. Alizadeh, MD, PhD, Stanford  
University School of Medicine,  
Stanford, California

**LORETTA S. LI, MD**  
“Mechanisms of disease and  
resistance in CRLF2-rearranged  
B-cell acute lymphoblastic  
leukemia” with David Weinstock,  
MD, at Dana-Farber Cancer  
Institute, Boston, Massachusetts

\*Initial Year



# Events



**IN NOVEMBER 2015, THE DAMON RUNYON 5K AT YANKEE STADIUM** drew more than 2,700 participants and raised nearly \$500,000. The 2015 Runyon 5K was presented by MetLife Foundation, with additional support from NYSID, Poland Spring, KRAVE Jerky, Bigelow, Frito Lay, New Era, 24 Hour Fitness, NBC 4 New York, New York Post, SiriusXM Satellite Radio and the New York Yankees.



**OUR 2016 ANNUAL BREAKFAST RAISED MORE THAN \$1.4 MILLION.** Tom Daniel, MD, Chairman, Celgene Research and Bob Hugin, Executive Chairman, Celgene Corporation were honored and introduced by NBC News Special Correspondent and author Tom Brokaw.



**THE WILLIAM RAVEIS CHARITABLE FUND HOSTED TWO RAVEIS RIDE + WALK EVENTS** in the northeast, raising \$550,000 for Damon Runyon scientists. Thank you to everyone at William Raveis for their partnership and support!



**DAMON RUNYON BROADWAY TICKETS** offers premium seats to all of Broadway's hits, including sold-out shows like *Hamilton* (shown above). We are especially grateful to the Shubert Organization, Nederlander Productions, Jujamcyn Theaters, and Disney Theatrical Productions for making this program possible. To purchase tickets and gift certificates, please call **(212) 455-0550**.

# Thank You to Our Donors

Your support this year enabled us to fund **\$17 million of research** by the next generation of leading cancer researchers exploring bold new ideas. Since our founding in 1946, in partnership with donors across the nation, Damon Runyon has **invested nearly \$320 million** and **funded more than 3,550 young scientists**.

---

## Award Sponsors

We are grateful to our individual, foundation and corporate sponsors who have partnered with us to launch new programs or are funding one or more of our scientists. Donors are able to choose scientists to fund based on location, institution, research focus or cancer type, and the award can be named in recognition of their gift. *Award sponsors are listed on pages 33-35.*



---

### **PETER J. TURNBAUGH, PhD**

Laura and Peter Van Camp have sponsored three Damon Runyon Innovators through Nadia's Gift Foundation. They are pictured here with Peter J. Turnbaugh, PhD, at the University of California, San Francisco, one of their sponsored scientists.

---

## Accelerating Cancer Cures

Thank you to Eli Lilly and Company, Celgene, Genentech, Merck, Takeda Pharmaceuticals International, and Pfizer for partnering with us to support the Damon Runyon Clinical Investigator Award and for helping to foster communication and collaboration between our scientists and the biopharmaceutical industry.

# Sponsored Awards

We are fortunate to have individual, foundation, and corporate sponsors who have partnered with us to launch or provide continuing support for specific award programs. We thank them for their vision.

**DAMON RUNYON-  
RACHLEFF INNOVATION  
AWARDS**

This award was established thanks to the vision and generosity of **Debbie and Andy Rachleff**.

**EDWARD P. EVANS  
FOUNDATION INNOVATOR**  
**Eirini P. Papapetrou, MD, PhD**  
Icahn School of Medicine  
at Mount Sinai

**ISLAND OUTREACH  
FOUNDATION INNOVATOR**  
**Piero D. Dalerba, MD**  
Columbia University

**NADIA'S GIFT FOUNDATION  
INNOVATOR**  
**Peter J. Turnbaugh, PhD**  
University of California,  
San Francisco

**CLINICAL  
INVESTIGATOR AWARDS**

This award was initially established in partnership with **Eli Lilly and Company**. In addition to the named awards, it is supported by Accelerating Cancer Cures, a collaboration between Damon Runyon and leading biopharmaceutical companies.

**GORDON FAMILY CLINICAL  
INVESTIGATOR**  
**Geoffrey R. Oxnard, MD**  
Dana-Farber Cancer Institute

**JAKE WETCHLER FOUNDATION  
FOR INNOVATIVE PEDIATRIC  
CANCER RESEARCH CLINICAL  
INVESTIGATOR**  
**L. Elizabeth Budde, MD, PhD**  
City of Hope

**METLIFE FOUNDATION  
CLINICAL INVESTIGATOR**  
**Christopher E. Barbieri, MD, PhD**  
Weill Cornell Medicine

**RICHARD LUMSDEN  
FOUNDATION CLINICAL  
INVESTIGATOR**  
**Alex Kentsis, MD, PhD**  
Memorial Sloan Kettering  
Cancer Center

**CLINICAL  
INVESTIGATOR  
CONTINUATION GRANT**  
Follow-up funding for select Clinical Investigators has been provided thanks to the generosity of the **William K. Bowes, Jr. Foundation**.

**PATTERSON TRUST CLINICAL  
INVESTIGATOR**  
**Sarat Chandarlapaty, MD, PhD**  
Memorial Sloan Kettering  
Cancer Center

**FELLOWSHIP AWARDS**  
The following awards are funded by donors who have generously endowed an award in perpetuity or sponsored an individual Fellow.

**DR. BART A. KAMEN FELLOW**  
**Dmitriy Zamarin, MD, PhD**  
Memorial Sloan Kettering  
Cancer Center

**BERGER FOUNDATION FELLOW**  
**Bryan C. King, PhD**  
Memorial Sloan Kettering  
Cancer Center

**CONNIE AND BOB LURIE  
FELLOW\***  
**Duy P. Nguyen, PhD**  
University of California,  
San Francisco

**DALE F. AND BETTY ANN  
FREY FELLOW\***  
**Linghe Xi, PhD**  
The Rockefeller University

**DENNIS AND MARSHA  
DAMMERMAN FELLOW\***  
**Caitlin A. Brennan, PhD**  
Harvard T.H. Chan School  
of Public Health

**FAYEZ SAROFIM FELLOW\***  
**Andrew R. Nager, PhD**  
Stanford University School  
of Medicine

**FRATERNAL ORDER OF  
EAGLES FELLOW**  
**Ryan D. Baldrige, PhD**  
Harvard Medical School

**GE ASSET MANAGEMENT  
FELLOW**  
**Jonathan R. Whicher, PhD**  
The Rockefeller University

**HOWARD HUGHES MEDICAL  
INSTITUTE (HHMI) FELLOWS**  
**Brittany Adamson, PhD**  
University of California,  
San Francisco

**Sudeep Banjade, PhD**  
Cornell University

**Brian J. Beliveau, PhD**  
Harvard University

**Christopher J. Cambier, PhD**  
Stanford University

**Anupam K. Chakravarty, PhD**  
Stanford University School of  
Medicine

**Casey A. Gifford, PhD**  
Gladstone Institutes

**Alexander M. Jaeger, PhD**  
Whitehead Institute for  
Biomedical Research

**June-Yong Lee, PhD**  
New York University  
School of Medicine

**Tera C. Levin, PhD**  
Fred Hutchinson Cancer  
Research Center

**Alesia N. McKeown, PhD**  
University of Utah School of  
Medicine

**Matthew P. Miller, PhD**  
Fred Hutchinson Cancer  
Research Center

**Mandy M. Muller, PhD**  
University of California, Berkeley

**Sigrid Nachtergaele, PhD**  
The University of Chicago

**Jose M. Ordovas-Montanes, PhD**  
Massachusetts Institute of  
Technology

**Magdalena E. Potok, PhD**  
University of California,  
Los Angeles

**William Razzell, PhD**  
Memorial Sloan Kettering  
Cancer Center

**Alexey A. Soshnev, MD, PhD**  
The Rockefeller University

**Hume A. Stroud, PhD**  
Harvard Medical School

**Sarah Z. Tasker, PhD**  
University of Illinois

**Neil T. Umbreit, PhD**  
Dana-Farber Cancer Institute

**Thomas S. Vierbuchen, PhD**  
Harvard Medical School

**Sungwook Woo, PhD**  
Harvard University

**Swathi Yadlapalli, PhD**  
University of Michigan

**Boris Zinshteyn, PhD**  
Johns Hopkins University School  
of Medicine

**ILLINI 4000 FELLOW**  
**Rand M. Miller, PhD**  
The Rockefeller University

**JACK SORRELL FELLOW**  
**Lydia Finley, PhD**  
Memorial Sloan Kettering  
Cancer Center

**KANDARIAN FAMILY FELLOW**  
**Chao Lu, PhD**  
The Rockefeller University

**KENNETH G. AND ELAINE A.  
LANGONE FELLOW\***  
**Tony Y. Tsai, MD, PhD**  
Harvard Medical School

**LALLAGE FEAZEL WALL  
FELLOW\***  
**Liron Bar-Peled, PhD**  
Scripps Research Institute

**LAYTON FAMILY FELLOWS**  
**Keren I. Hilgendorf, PhD**  
Stanford University School  
of Medicine

**Kathrin Leppek, PhD**  
Stanford University School  
of Medicine

**Yin Liu, PhD**  
Stanford University School  
of Medicine

**LEFKOFSKY FAMILY FELLOW**  
**Beverly J. Piggott, PhD**  
University of California,  
San Francisco

**MARION ABBE FELLOW\***  
**Timothy D. Martin, PhD**  
Brigham and Women's Hospital

**MERCK FELLOWS**  
**Dennis L. Buckley, PhD**  
Dana-Farber Cancer Institute

**Ivana Gasic, Dr.Sc.**  
Harvard Medical School

**Daniel H. Goldman, PhD**  
Johns Hopkins School of  
Medicine

**Fuguo Jiang, PhD**  
University of California, Berkeley

**Alistair B. Russell, PhD**  
Fred Hutchinson Cancer  
Research Center

**Joseph D. Schonhoft, PhD**  
Scripps Research Institute

**PHILIP O'BRYAN  
MONTGOMERY, JR., MD,  
FELLOW**  
**Daniel E. Webster, PhD**  
National Institutes of Health

**REBECCA RIDLEY KRY  
FELLOW\***  
**Jeffrey A. Hussmann, PhD**  
University of California,  
San Francisco

**ROBERT BLACK FELLOWS**  
**Nicholas Arpaia, PhD**  
Memorial Sloan Kettering  
Cancer Center

**Serkan Kir, PhD**  
Dana-Farber Cancer Institute

**Allison N. Lau, PhD**  
Massachusetts Institute of  
Technology

**Maria M. Mihaylova, PhD**  
Whitehead Institute for  
Biomedical Research

**Gabriela C. Monsalve, PhD**  
University of California,  
San Francisco

**Evgenia N. Nikolova, PhD**  
Scripps Research Institute

**SHERRY AND ALAN  
LEVENTHAL FAMILY FELLOW**  
**Chenxi Tian, PhD**  
Massachusetts Institute  
of Technology

**SHIRLEY STEIN FELLOW**  
**Christine I. Chio, PhD**  
Cold Spring Harbor Laboratory

**SUZANNE AND BOB WRIGHT  
FELLOW\***  
**Emma Watson, PhD**  
Brigham and Women's Hospital

**WILLIAM RAVEIS CHARITABLE  
FUND FELLOWS**  
**Aaron D. Viny, MD**  
Memorial Sloan Kettering Cancer  
Center

**Yi Yin, MD**  
University of Washington

**DAMON RUNYON-  
SOHN FOUNDATION  
PEDIATRIC CANCER  
FELLOWSHIP AWARDS**  
This award program was  
launched in partnership with the  
generous support of the **Sohn  
Conference Foundation**.

**DAMON RUNYON-SOHN  
FOUNDATION PEDIATRIC  
CANCER FELLOWS  
SUPPORTED BY THE SOHN  
CONFERENCE FOUNDATION**

**Özlem Aksoy, PhD**  
University of California,  
San Francisco

**Amanda L. Balboni, PhD**  
Dana-Farber Cancer Institute

**Challice L. Bonifant, MD, PhD**  
University of Michigan

**Haihua Chu, PhD**  
Dana-Farber Cancer Institute

**Stacy L. Cooper, MD**  
Johns Hopkins University



## Sponsored Awards (Continued)

**Michael A. Koldobskiy, MD, PhD**  
Johns Hopkins University

**Cara A. Rabik, MD, PhD**  
Johns Hopkins University

**Amit J. Sabnis, MD**  
University of California,  
San Francisco

**Ly P. Vu, PhD**  
Memorial Sloan Kettering  
Cancer Center

**David W. Woessner, PhD**  
St. Jude Children's Research  
Hospital

**Mark W. Zimmerman, PhD**  
Dana-Farber Cancer Institute

**LAYTON FAMILY FELLOW OF  
THE DAMON RUNYON-SOHN  
FOUNDATION PEDIATRIC  
CANCER FELLOWSHIP AWARD**  
**Zhipeng Lu, PhD**  
Stanford University School  
of Medicine

### DAMON RUNYON PHYSICIAN-SCIENTIST TRAINING AWARDS

This award was established  
thanks to the generosity of  
**Damon Runyon Board Members**  
**Leon G. Cooperman and**  
**Michael L. Gordon**

**DAMON RUNYON-CELGENE  
PHYSICIAN-SCIENTIST**  
**Giada Bianchi, MD**  
Dana-Farber Cancer Institute

\*In perpetuity

# Our Contributors

The Damon Runyon Cancer Research Foundation acknowledges the generosity and support of the many individual, corporate and foundation donors who supported our brilliant researchers through gifts to the Foundation from July 1, 2015 to June 30, 2016. Those whose individual lifetime giving is \$100,000 or more are in **bold**, and those whose lifetime giving exceeds \$1 million are noted with two asterisks.\*\* We are especially grateful to these extraordinarily generous and committed donors.

### \$1,000,000 +

**\*\*Howard Hughes Medical  
Institute**

### \$500,000 TO \$999,999

**Anonymous**

**\*\*William K. Bowes, Jr.  
Foundation**

**\*\*Mr. Michael L. Gordon  
The Layton Family Fund**

**\*\*MetLife Foundation**

**\*\*Sohn Conference Foundation  
William Raveis Charitable Fund**

### \$100,000 TO \$499,999

**Anonymous**

**\*\*Terry and David Beirne**

**\*\*Robert Black Charitable  
Foundation**

**Antoinette & Herman**

**Boehm Foundation**

**Celgene Corporation**

**\*\*Estate of Adrienne &  
Harry Chamberlain**

**\*\*Leon & Toby Cooperman  
Foundation**

**Edward P. Evans Foundation  
Fidelity Investments Charitable  
Gift Fund**

**\*\*Genentech, Inc.**

**Estate of Stephanie Goldman**

**Mr. Robert J. Hugin**

**\*\*Island Outreach Foundation**

**\*\*Sherry and Alan Leventhal  
Family Foundation**

**\*\*Lilly Oncology**

**\*\*Merck & Company, Inc.**

**\*\*Nadia's Gift Foundation**

**Russel H. Norberg Trust**

**Louis and Rachel Rudin**

**Foundation, Inc.**

**Select Equity Group**

**Silicon Valley Community**

**Foundation**

**The Varelas Family Fund**

### \$50,000 TO \$99,999

**Angelo, Gordon & Co.**

**Sol and Margaret Berger**

**Foundation**

**Estate of Ernest Bittler**

**Ms. Deborah Coleman and**

**Mr. Timothy Diggins**

**Estate of John W.M. Fitton**

**HHMI Janelia Farm Research**

**Campus**

**The Illini 4000 for Cancer**

**Lefkowsky Family Foundation**

**MetLife**

**The Jake Wetchler Foundation**

**for Innovative Pediatric Cancer**

**Research**

### \$25,000 TO \$49,999

**Anonymous**

**Beacon Capital Partners, LLC**

**Mr. and Mrs. Lawrence A.**

**Bossidy**

**Communities Foundation of  
Texas (CFT)**

**Judy Angelo Cowen Foundation**

**Estate of Rita Eisenberg**

**Erlbaum Family Foundation**

**\*\*Grand Aerie Fraternal Order of  
Eagles**

**Hettinger Foundation**

\*Our donor lists are checked carefully. However, if you have any corrections or questions, please call 877.722.6237. The full pledge amount is listed in the year the pledge is made. In subsequent years, actual pledge payments are listed.

Mr. Ray Hunt  
**Independent Charities of America**  
 Estate of Walter E. Kelley  
**The Muriel and Norman B. Leventhal Family Foundation**  
**Mr. and Mrs. David G. Marshall**  
**Gordon H. & Karen M. Millner Family Foundation**  
**Eugene & Mary Murphy Charitable Gift Fund**  
 The Pew Charitable Trusts  
 Mr. Roy Pfautsch  
 The Frances and Abraham Reichman Charitable Trust  
 The Bruce Robert Reid Family Foundation  
 The San Francisco Foundation  
 Fred and Donna Seigel  
**Ms. Karen D. Seitz**  
**The Richard C. and Theresa P. Smith Memorial Fund**  
**Ms. Cynthia F. Sulzberger and Mr. Steven B. Green**  
**Tzedakah Foundation**  
 UBS Financial Services, Inc.

**\$10,000 TO \$24,999**

Abide Therapeutics  
 Alexandria Real Estate Equities, Inc.  
 Anonymous  
 Atlantic Health System  
 Ayco Charitable Foundation  
 Barthold Family Foundation  
 Citi  
 Deutsche Bank Securities Inc.  
**Mr. and Mrs. Frank Doyle Echlin Foundation**  
**Lorraine and Bill Egan**  
 Mr. and Mrs. Steven Esrick  
 The Fine & Greenwald Foundation, Inc.  
**GE Asset Management**  
**General Electric Foundation**  
**Goldman, Sachs & Co.**  
 Mr. and Mrs. James Gould  
 Mr. and Mrs. Scott Greenstein  
**Mr. Steve Hayden**  
**Estate of Irma T. Hirschl**  
 Ms. Solange and Mr. Michael Hommel  
 Ms. Sandra J. Horbach and Mr. Steven Skoler  
 Mr. and Mrs. Wayne M. Hummel  
 Valerie and Jay Ireland  
**Jewish Communal Fund**  
 Jones Day  
**J.P. Morgan**  
 Mr. Steven A. Kandarian  
**\*\*Mr. and Mrs. Kenneth G. Langone**  
 Charles and Margaret Levin Family Foundation

**Estate of Laurie D. Lima**  
**Mr. and Mrs. Henry Mannix III**  
 Ms. Lynn L. Marks  
 Joe & Pasena Maroun Family Foundation  
 Mr. and Mrs. Gerald M. Marshall  
 Northern Biologics  
 Perrigo Company Foundation  
**Pfizer Inc.**  
 Pharmaceutical Research and Manufacturers of America (PhRMA)  
 Proskauer  
**Pyramid Hotel Group**  
 Quinn Emanuel Urquhart & Sullivan, LLP  
 Mr. and Mrs. Arthur J. Samberg  
 Schulte Roth & Zabel LLP  
 Schwab Charitable  
 Michael V. Seiden, MD, PhD  
**Henry J. & Kathleen Singer Family Foundation**  
 Gerri and Andrew Sommers Family Fund  
 The Symonds Foundation  
 Vanguard Charitable Endowment Program  
 Mr. and Mrs. John F. Welch, Jr.  
 Mr. and Mrs. Gary Wolf  
 Mr. Peter J. Worth, Alliant Insurance Services

**\$5,000 TO \$9,999**

5AM Ventures  
**Mrs. Carolyn R. Aller**  
 The Allergan Foundation  
 Anonymous  
 Barclays  
 Barnett Family Philanthropic Fund  
 Mrs. Barbara Lieb Baumstein  
 Baupost Group, LLC  
 The Howard Bayne Fund  
 Benevity Community Impact Fund  
 Mr. and Mrs. Steven H. Berg  
 Mr. Frank M. Bumstead  
 Lewis C. Cantley, PhD  
**Estate of Laurelia M. Clifford**  
 Mr. and Mrs. Martin J. Cohen  
 Robyn and Tony Coles  
 Community Health Systems, Inc.  
 C.R. Bard, Inc.  
**Ms. Elizabeth B. Dater and Mr. Mitchell Jennings**  
**Mr. and Mrs. Larry D. Droppa**  
 Mr. and Mrs. Lawrence Foley  
**Dale & Betty Ann Frey Family Foundation**  
 Friedman Family Foundation  
 Ms. Erica Evans-Gioffre and Mr. Michael Gioffre  
 Todd R. Golub, MD  
 Heitman LLC

Mr. and Mrs. Robert M. Hess  
 Mr. Clair Howey  
 Interco Charitable Trust  
 Mr. Scott R. Isdaner  
 Mrs. Carolyn June Kaplan  
 Mr. and Mrs. Michael M. Kassen  
 Mr. Richard A. Konigsberg  
 Ms. Patty Kosion  
 Mr. and Mrs. Jeremy R. Kramer  
 Ms. Ann E. Levine  
 The Lichtenberger Foundation  
 Ms. Susan Lipton  
 Kenneth J. Livak, PhD  
 Loynd Family Foundation  
**\*\*Connie and Bob Lurie**  
 Mr. and Mrs. James I. Magid  
 Ms. Jami W. McKeon  
 The Leo Model Foundation, Inc.  
 Alfred L. Morse and Annette S. Morse Foundation  
 Mr. and Mrs. Warren K. Myer  
**Mr. and Mrs. John H. Myers**  
 Nasdaq Inc.  
 The New York Community Trust  
 New York State Industries for the Disabled (NYSID)  
**Palisade Capital Management**  
 The Penates Foundation  
 Mr. and Mrs. Rahn Pitzer  
 Mr. Sheldon Pressler  
 Mr. and Mrs. Michael Repperger  
 Rose Family Fund  
 Mrs. Elizabeth B. Ross  
 Dr. Lief Sannen and Mr. Lawrence Wieman  
 Sanofi Genzyme  
**Mrs. Mikell M. Smith**  
 Mr. Wayne T. Smith  
 Mr. Jonathan Sonneborn  
 Ms. Robie E. Spector  
 Mr. James D. Staley  
 Stewart Senter, Inc.  
 Mrs. Barbara S. Strauss  
 Mr. and Mrs. John M. Trani  
 The Turk Family Foundation  
**Ueberoth Family Foundation**  
 United Way of Metropolitan Chicago  
 Mr. and Mrs. E. Scott Urdang  
 Mr. Jon Vogel  
 Voya Foundation  
 Mr. and Mrs. Peter J. Wasserman  
 Dr. and Mrs. Victor J. Weinstein  
 Mr. and Mrs. David A. Weiss  
  
**\$1,000 TO \$4,999**  
 Agios  
 Mr. David Altshuler  
 Ms. Velma M. Anderson  
 Anonymous (4)  
 Mr. and Mrs. Joel Appel  
 Apple Lane Foundation  
 Dr. Shelly Artz  
 Aurora Capital Group

## Our Contributors (Continued)

Mr. Arthur S. Bahr  
 Ms. Susannah Bailin  
 Alan P. Baker, PhD  
 Ms. Patricia A. Baran  
 Mr. Richard Barnett  
 Mr. Tim Barton  
 Mr. F. Harlan Batrus  
 Mr. and Mrs. Roger Baumann  
 BD  
 Ms. Jill C. Bee  
 Ms. Robin Bell  
 Mr. Norman C. Bender  
 Mr. James Bennett  
 Ms. Sandye Berger  
 The Len & Laura Berlik  
 Foundation, Inc.  
 Ms. Bonnie Bernard  
 Mrs. Beth Berns  
 Donald P. Biek, PhD  
 Ms. Mindee Blanco  
 BLL Foundation  
 Mr. Frederic L. Bloch  
 Mr. David S. Blue  
 Mr. William Boeh  
 Mr. and Mrs. Eugene K. Bolton  
 Ms. Lisa Boncosky  
 Mr. Brett Boretti  
 Mr. and Mrs. Thomas J. Bracken  
 Mr. John Breslow  
 Ms. Gloria P. Briggs  
 Mrs. Samantha Brous  
 Mr. and Mrs. Richard E. Bruce  
 Rev. and Mrs. C. Frederick  
 Buechner  
 Steven J. Burakoff, MD  
 Burlingame Foundation  
 Mr. and Mrs. Arthur B. Calcagnini  
 Mr. and Mrs. Patrick J. Callan  
 Mr. Joseph Carrabino, Jr.  
 CharityBuzz  
 Ms. Mary F. Cherif  
 Ms. Sheila A. Chervin  
 Ms. Elizabeth M. Christiansen  
 Ms. Deborah Clayman and  
 Mr. Lawrence Raiman  
 Mr. Paul Coco  
 Mr. John T.J. Coe  
 Mr. and Mrs. Jay L. Cohan  
 Ms. Irene Cohen  
 Mr. Samuel T. Cohen  
 Mr. Frank Conti  
 Robert N. Cooney, MD and  
 Ms. Lorrie M. Cooney  
 Prof. and Mrs. Daniel R.  
 Cooperman  
 Mr. Howard J. Cooperman  
 CORAL Investment Partners  
 Mr. and Mrs. Michael J. Cosgrove  
 Mr. and Mrs. Jonathan Crawford  
 Ms. Maureen Creason  
 Ms. Dorothy D'Amato  
 Mr. and Mrs. Pierre J. de Vegh

Mr. Jerome H. Debs II  
 Mr. and Mrs. Michael  
 DeDomenico  
 Ms. Michelle Delong  
 Ms. Allyson Dematteo  
 Ms. Lisa Deslauriers  
 Mr. and Mrs. Philip DeToledo  
 Mr. Herb Deuschel  
 Barbara G. Deutsch, MD  
 Ms. Cynthia W. DeVine  
 Mr. and Mrs. John Dilley  
 Ms. Marjorie Doniger  
 Ronald I. Dozoretz, MD  
 Mr. Paul Duhaime  
 Ms. Josephine J. Dumm  
 Mr. and Mrs. Dexter D. Earle  
 Mr. and Mrs. Don C. Eddington  
 Mitzi & Warren Eisenberg Family  
 Foundation  
**EOG Resources, Inc.**  
 Ms. Julia Espel  
 Mr. Robert Ettl  
 Mr. Robert Evans  
 Thomas J. Fahey, Jr., MD  
 Mrs. Roberta Fine  
 Ms. Leah Finkelstein  
 FINRA  
 Robert F. Fisher, PhD  
 Mr. and Mrs. Mark Fishman  
 Olivia E. and Adam R. Flatto  
 Mr. Thomas Florkowski  
 FORMA Therapeutics  
 Ms. Linda Frankel  
 Franklin & Marshall College  
 Ms. Mary Ann Frenzel  
 Ms. Effie Fribourg  
 Mrs. Mary Ann Fribourg  
 Ms. Terri Friedman  
 Elaine V. Fuchs, PhD  
 Gabelli Funds  
 Mr. Leonard R. Ganz  
 Mr. and Mrs. Robert W.  
 Garthwait, Sr.  
 Richard B. Gaynor, MD  
 Mr. Ken Globus  
 Mrs. Isobel Glover  
 Mr. Steve Goldberg  
 Ms. Lois Goldring  
 Mr. Carl Golub  
 Goulston & Storrs  
 Grabe Foundation  
 Ms. Elizabeth A. Gray  
 Patrick William Gray, PhD  
 Mrs. Ina Haas and Dr. Jerome  
 Haas  
 John W. Hadden II  
 Mr. and Mrs. Tarek Hallaba  
 Mr. Ira Hammerman  
 Mr. Stephen L. Hammerman  
 Hanover-Horton Schools  
 Mr. Stephen Hanson  
 Mr. Ronald F. Hartenbaum

Ms. Elizabeth Hazard  
 Ms. Alexes Hazen  
 Healey Family Foundation  
 Mr. and Mrs. Gary Hellinger  
 Mr. Richard A. Hoffman and  
 Ms. Lisa Gross  
 Mr. and Mrs. Edward E. Hood, Jr.  
 Mr. and Mrs. Daniel Huber  
 Ms. Mary I. Hull  
 Mr. and Mrs. Kevin Hungate  
 Mr. Andre Hunter  
 Dr. Phyllis Hyde  
 Indeed  
 Mrs. Randi Infusino  
 J.I. Foundation, Inc.  
 Jewish Community Federation  
 Johnson-Miller Foundation  
 William G. Kaelin, Jr., MD  
 Mrs. Ellen Schwarzman Katz  
 Mr. and Mrs. Jordan Katz  
 Mr. Samuel L. Katz  
 Mr. and Mrs. James H. Kimenker  
 Ms. Kathleen King  
 Ms. Kathryn King  
 Ms. Sue F. King  
 Mr. and Mrs. Douglas M. Kinney  
 Mr. Gerold F.L. Klauer  
 Klingenstein Fund  
 Mr. and Mrs. Noah J. Knauf  
 Mr. John Knopf  
 Ms. Abby Kohnstamm  
 Ms. Brenda Korff  
 Mr. Kyle S. Kozloff  
 Mr. Lawrence J. Kramer  
 Ms. Wendy Kreeger  
 H. Frederick Krimendahl II  
 Foundation  
 Estate of Marie Kronman  
 Mrs. Rebecca R. Kry  
 Mr. Bryan Labella  
 Jeremy D. Lack, DPhil  
 Ms. Janice R. Lane  
 William D. & E.M. Lane  
 Foundation  
 Mr. and Mrs. Mark and Elizabeth  
 Lazarus  
 Mr. and Mrs. Steven Lazarus  
 Levin Capital Strategies, LP  
 Ms. Ann E. Levine  
 Mr. Gilbert Levine  
 Mr. Daniel Levy  
 Mr. Tom Levy  
 Mr. and Mrs. William Guy Levy  
 Levy Family Philanthropic Fund  
 The Edward F. Limato  
 Foundation  
 Mr. Peter P. Lindley  
 David M. Livingston, MD  
**Anthony F. LoFrisco, Esq.**  
 Mr. and Mrs. J. Donald  
 Longenecker  
 Mr. and Mrs. Curtis Louie

Frank E. & Miriam Loveman  
Foundation Inc.  
Ms. Leslie Lynch  
Mr. and Mrs. Timothy Macdonald  
Mrs. Barbara Macklowe  
Mr. and Mrs. Richard H. Maidman  
Mr. and Mrs. James S. Mamary  
Ms. Marianne Manzolillo  
Mr. David Marcus  
Estate of August Mattheyses  
Fund  
MB Real Estate  
Mr. Christopher McGarrigal  
Mr. and Mrs. William S. McKiernan  
Ms. Christine McManus  
Mr. James K. McMorrow  
Mr. John McStay  
Mr. Gary Meader  
Mr. Asheet Mehta  
The Messinger Foundation, Inc.  
Mr. and Mrs. Fred Middleton  
Mr. John Mikhail  
Ms. Laura Miller  
Mr. and Mrs. Russell C. Minkoff  
The Minneapolis Foundation  
**Sanford W. Morhouse, Esq.**  
**Morphotek**  
Mr. Bruce Mosler  
National Mah Jongg League, Inc.  
Dr. Herbert E. Natof  
Mr. and Mrs. James L. Neisloss  
Network For Good  
Mrs. Dorothy Neustadter  
New Crossways Foundation  
Phillip A. Newmark, PhD  
Mr. Timothy O'Connor  
Odyssey Reinsurance Company  
Mrs. Paula K. Oppenheim  
Mr. and Mrs. Peter Busch  
Orthwein  
Ms. Megan Pace  
Mr. and Mrs. Ronald E. Parr  
Mr. Stephen Patterson  
Ms. Cindy Pearlstein  
Ms. Agnes Peelle  
Mr. and Mrs. Jack O. Peiffer  
Pells Mayton Foundation, Inc.  
Mr. and Mrs. Robert M. Pennoyer  
Mr. and Mrs. Charles H. Perlman  
Perrigo Company  
Mr. Fabio D. Petruzzello  
Ms. Elizabeth M. Portland and  
Mr. Thomas Toce  
Dr. and Mrs. Max Proffitt  
Ms. Elaine C. Pulk and Mr. James  
Wesman  
Mr. and Mrs. James M. Pulk  
**Mr. and Mrs. Robert P. Quinn**  
Mr. Robert L. Rattet  
Ms. Meghan Raveis and Mr. Ryan  
Raveis  
Mr. Michael Raynes

Dr. Garrett Reisman  
Mr. and Mrs. Douglas C. Renfield-  
Miller  
Mr. Peter E. Ricker  
Mr. and Mrs. D. Paul Rittmaster  
Mrs. Sheila Robbins  
Mr. and Mrs. Gary R. Rockhold  
Ms. Elizabeth Roddin  
Mr. Steven D. Ross  
Mrs. Miriam K. Rothenberg  
Mr. Philip R. Rotner  
Mr. Joseph D. Roxe  
Ms. Julia A. Rubin  
Ms. Patricia Ryan  
Mr. and Mrs. Donald Sage  
Mr. and Mrs. Eric & Corinne  
Samson  
Mr. and Mrs. Richard L.  
Sanderson  
Ms. Ilene Sands  
Mr. Gary Saretsky  
Ms. Linda Saslow  
Ms. Alisa Savitz  
Mr. and Mrs. Anand R. Savur  
Dr. David Schenkein  
Mr. Norman R. Schlanger  
Ms. Tracy Schmidt  
Mr. Paul Schnell  
Mendon F. Schutt Family Fund  
Mr. Cary M. Schwartz  
Mr. and Mrs. David G. Schwartz  
Ms. Madeline Schwartz  
**Mr. Marvin C. Schwartz**  
Mr. and Mrs. Philip C. Schwartz  
Mr. Robert D. Scinto  
Ms. Amy Segal  
Robert J. Seifer Cancer Research  
Foundation  
William R. Sellers, MD  
Mr. and Mrs. Theodore M. Serure  
Ms. Nancy Shapiro  
Mr. Steven L. Shapiro  
Ms. Victoria Shattner  
Mr. Keith S. Sherin  
Ms. Lois Sherwin  
Mr. Ed Shogan  
The Sidewater Family  
Foundation, Inc.  
Ms. Patricia Silverstein  
Samuel C. Silverstein, MD  
Nancy Simonian, MD  
Ms. Paullina Simons  
Mr. Alfred J. Smith  
Mr. and Mrs. Jeffrey Q. Smith  
Mr. Joseph Smith  
Estate of Mildred A. Smith  
Ms. Susan L. Solomon  
Philippe Soriano, DSc, PhD  
Mr. Walter C. Squire  
Mr. and Mrs. Kenneth M. Stabler  
Mr. Rocco A. Staino  
Mr. and Mrs. Alex Stankevich

Mr. Irving Stenn  
Mr. Seth F. Stern  
Mr. and Mrs. Adam Strum  
Mr. Martin J. Sullivan  
Mr. Selby Sullivan  
Sutro Biopharma  
Mr. Steven Taw  
Mr. and Mrs. Sanford V. Teplitzky  
The David B. Terk Foundation  
Mr. J. Ronald Terwilliger  
Mr. and Mrs. Elias  
Theodoropoulos  
Mr. Joseph M. Thomas  
Craig B. Thompson, MD  
**Mr. John L. Tishman**  
Mr. and Mrs. Donald W. Torey  
Mr. Daniel Tracy  
Ms. Dina Treanor and Mr. Jeffrey  
Taschler  
Mr. Eddie Trump  
Mr. Jeffrey Tucker  
Daniel P. and Grace I. Tully  
Charitable Trust  
United Way of Central Maryland  
United Way of Martin County  
United Way of New York City  
Mr. Craig Varrelman  
Mr. Sheldon Vidibor  
Ms. Kay E. Wagner  
Mr. Robert Waldbauer  
Ms. Joni L. Walser and Mr.  
Andrew B. Church  
Mr. and Mrs. Frank J. Walter III  
Mr. and Mrs. John T. Walter, Jr.  
**Warburg Pincus, LLC**  
Ms. Louise Wasso  
Mr. and Mrs. Donald C. Weeden  
Ms. Terry Wegner and Mr. Robert  
Wegner  
Mr. Edwin A. Weiller III  
David and Candace Weir  
Foundation  
James A. Wells, PhD  
Ms. Dudley B. White  
Dr. Janet M. Widra  
**Estate of Winifred Wiederkerr**  
Mr. and Mrs. Frank H. Wildt  
Mr. and Mrs. Benjamin J. Winter  
Mr. James L. Winter  
Mr. Seth Wolchok  
Mr. Rod Wood  
Woodrow Wilson School  
Mrs. Betty G. Young  
Mr. Seymour W. Zises



# Damon Runyon Advisors

The **Damon Runyon Advisors** act as special advisors to the Foundation in their areas of expertise and are committed to expanding awareness about our important work to the next generation of supporters.

**JILL E. BARGONETTI, PhD**  
Professor of Biological Sciences  
Hunter College and The  
Graduate Center  
City University of New York

**MS. ERICA EVANS**  
Managing Director,  
Sales Strategy & Institutional  
Partnerships  
The Hartford Funds

**MS. KAREN FANG**  
Managing Director,  
Head of Americas FICC  
Sales, Global Banking  
and Markets  
Bank of America Merrill Lynch

**JEREMY D. LACK, DPhil**  
Partner  
Athyrium Capital

**MR. GERALD M. MARSHALL**  
Co-Chairman and CEO  
Amerimar Enterprises, Inc.

**MS. ANNEMARIE NORRIS**  
SVP, Group Director,  
Behavioral Planning  
BBDO

**MS. CHRISTINE L. O'DONNELL**  
Senior Vice President, Market  
Philanthropic Director  
U.S. Trust, Bank of America  
Private Wealth Management

**MR. JOHN M. OLIVIERI**  
Partner  
White & Case LLP

**MR. JAMES C. RIVIEZZO**  
Client Director  
AIG

**MARCEL R. M. VAN DEN BRINK,  
MD, PhD**  
Head, Division of  
Hematologic Oncology  
Alan Houghton Professor  
in Immunology | Member,  
Memorial Sloan Kettering  
Cancer Center  
Professor of Medicine and  
Immunology, Weill Cornell  
Medicine

**MR. GARY I. WOLF**  
Managing Director  
Angelo, Gordon & Co.

# Broadway Premier Circle

The **Broadway Premier Circle** is a group of loyal Damon Runyon Broadway Tickets customers who have made a special donation in support of cancer research. The Premier Circle offers members priority access to tickets and other benefits.

Mr. David Altshuler  
Mr. and Mrs. Joel Appel  
Mrs. Barbara Lieb Baumstein  
Ms. Jill C. Bee  
Ms. Robin Bell  
Mr. Norman C. Bender  
Mr. James Bennett  
Mr. and Mrs. Robert S. Birch  
Ms. Mindee Blanco  
Ms. Lisa Boncosky  
Mrs. Samantha Brous  
Mr. Frank M. Bumstead  
Ms. Mary F. Cherif  
Ms. Sheila A. Chervin  
Mr. Samuel T. Cohen  
Robyn and Tony Coles  
Ms. Maureen Creason  
Mr. Jerome H. Debs II  
Ms. Michelle Delong  
Ms. Allyson Dematteo  
Mr. and Mrs. Philip DeToledo  
Mr. Herb Deuschel  
Mr. and Mrs. Larry D. Droppa  
Mrs. Carol Dubron-Witlin  
Mr. Paul Duhaime  
Mr. and Mrs. Dexter D. Earle  
Mr. and Mrs. Warren Eisenberg

Mr. Robert Ettl  
Mr. and Mrs. Mark Fishman  
Ms. Linda Frankel  
Ms. Mary Ann Frenzel  
Ms. Effie Fribourg  
Ms. Terri Friedman  
Mr. Leonard R. Ganz  
Mrs. Isobel Glover  
Mr. William Grabe  
Mr. Ira Hammerman  
Ms. Alexes Hazen  
Mr. Andre Hunter  
Dr. Phyllis Hyde  
Mrs. Randi Infusino  
Mr. Scott R. Isdaner  
Mrs. Carolyn June Kaplan  
Mrs. Ellen Schwarzman Katz  
Mr. Samuel L. Katz  
Mr. and Mrs. James H. Kimenker  
Ms. Kathleen King  
Ms. Kathryn King  
Ms. Sue F. King  
Mr. and Mrs. William B. King  
Ms. Abby Kohnstamm  
Mr. Richard A. Konigsberg  
Mr. Kyle S. Kozloff  
Mr. and Mrs. Jeremy R. Kramer

Mr. Lawrence J. Kramer  
Ms. Wendy Kreeger  
Ms. Ellen S. Lane  
Mr. and Mrs. Mark and  
Elizabeth Lazarus  
Ms. Ann E. Levine  
Mr. Doug Levine  
Mr. and Mrs. William Guy Levy  
Mr. Daniel Levy  
Ms. Susan Lipton  
Kenneth J. Livak, PhD  
Mr. and Mrs. James I. Magid  
Mr. and Mrs. Henry Mannix III  
Mr. David Marcus  
Ms. Jami W. McKeon  
Mr. John Mikhail  
Ms. Kimberly Terk Murphy  
Mr. and Mrs. James L. Neissloss  
Mr. and Mrs. Peter Busch  
Orthwein  
Ms. Megan Pace  
Ms. Cindy Pearlstein  
Ms. Agnes Peelle  
Mr. Sheldon Pressler  
Ms. Elaine C. Pulk and  
Mr. James Wesman  
Mrs. Sheila Robbins

# Damon Runyon Broadway Tickets

Support cancer research from the best seats in the theater. Your purchase includes a voluntary tax-deductible donation.

Our gift certificates are perfect for friends and loved ones this holiday season. We'll send a card on your behalf—they can choose the show and date at their convenience, even *Hamilton*!

To find out more, call **212.455.0550** or visit **damonrunyon.org/broadway**

## TICKETS AVAILABLE FOR

Aladdin	The Front Page	Natasha, Pierre & The
Beautiful-The Carole King Musical	Hamilton	Great Comet of 1812
The Book of Mormon	The Humans	Oh, Hello on Broadway
A Bronx Tale	In Transit	On Your Feet
Chicago	Jersey Boys	Phantom of the Opera
The Color Purple	Kinky Boots	School of Rock
Dear Evan Hansen	Les Liaisons Dangereuses	Something Rotten!
The Encounter	The Lion King	Waitress
Falsettos	Matilda	Wicked
Fiddler on the Roof		

## Broadway Premier Circle (Continued)

Mr. Philip R. Rotner	Ms. Victoria Shattner	Mr. Joseph M. Thomas
Mr. Joseph D. Roxe	Ms. Barbara Sherman	Mr. Jeffrey Tucker
Ms. Julia A. Rubin	Ms. Lois Sherwin	Mr. and Mrs. E. Scott Urdang
Ms. Ilene Sands	The Sidewater Family	Ms. Kay E. Wagner
Mrs. Jane Santinelli	Foundation, Inc.	Mr. and Mrs. Peter J. Wasserman
Mr. Gary Saretsky	Mr. Alfred J. Smith	Mr. Edwin A. Weiller III
Ms. Linda Saslow	Dr. David Hamilton Smith	Mr. and Mrs. David Weiner
Ms. Tracy Schmidt	Ms. Susan L. Solomon	Dr. and Mrs. Victor J. Weinstein
Mr. and Mrs. Philip C. Schwartz	Mr. Jonathan Sonneborn	Dr. Janet M. Widra
Mrs. Cipora Schwartz	Mr. Walter C. Squire	Owen N. Witte, MD
Ms. Madeline Schwartz	Mr. Selby Sullivan	Mr. and Mrs. Gary Wolf
Ms. Nancy Shapiro	Mr. Steven Taw	
Mr. Steven L. Shapiro	Mr. J. Ronald Terwilliger	

## Discovery Society

**Discovery Society** members are valued supporters who have provided for the Damon Runyon Cancer Research Foundation through planned gifts. These donations provide a vital source of support and fuel future breakthroughs against cancer.

Ms. Elaine M. Addis	Lewis L. Lanier, PhD
Anne C. Burkholder, PhD, and	Mr. and Mrs. Leo LoFrisco
Stephen P. Eisenberg, PhD	Mr. D.G. Mitchell
Mr. and Mrs. Martin J. Cohen	Mr. and Mrs. Ronald E. Parr
Ms. Ann K. Cote	Mr. and Mrs. Rick Robinson
Mrs. Phyllis Farleigh	Mr. Seymour Rosenheck
Robert F. Fisher, PhD	Mrs. Esther E. Schwartz
Ms. Mary Ann Frenzel	Ms. Phoebe H. Showers
Richard B. Gaynor, MD	Mrs. Carol H. Stix
Mr. Rick J. Govern	Ms. Rose Vaccariello
Mr. and Mrs. William C. Hines	Mr. and Mrs. Arthur Walker
Mrs. Rebecca R. Kry	

## Ways to Give

---

DONATE ONLINE BY VISITING US  
AT **DAMONRUNYON.ORG/DONATE**.

CALL US AT **1.877.7CANCER** OR **1.877.722.6237**,  
9AM - 5PM ET, MONDAY TO FRIDAY

**DAMON RUNYON CANCER  
RESEARCH FOUNDATION**  
55 BROADWAY, SUITE 302  
NEW YORK, NY 10006

---

**ONE HUNDRED PERCENT**  
of your donation is tax-deductible.  
Many companies match the gifts of  
employees, spouses and retirees.

---

Please remember us in your will or trusts. Visit  
**WWW.DAMONRUNYON.ORG/GET-INVOLVED**  
for more information about planned giving.

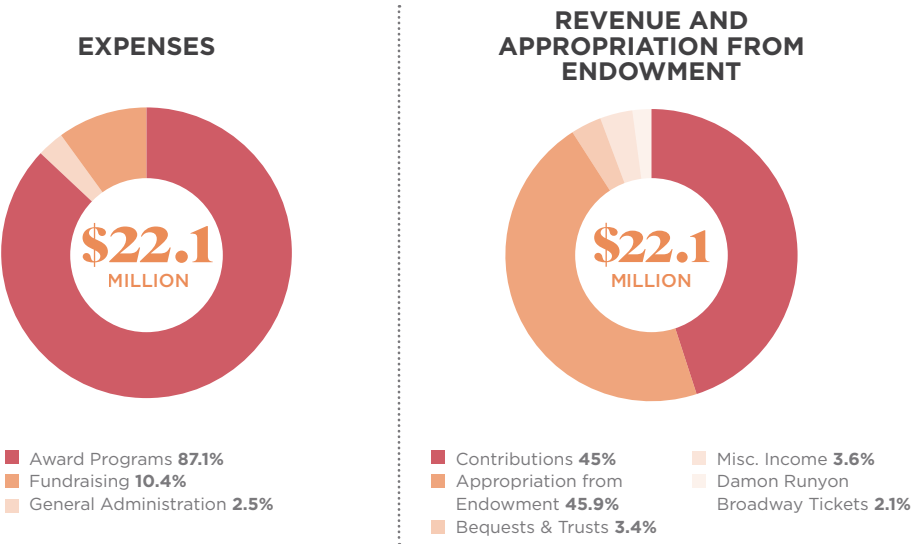


# Financial Summary

## Fiscal Year 2016

In Fiscal Year 2016, based on a comprehensive review of our award programs by the Scientific Committee of our Board of Directors, we continued the implementation of several changes to our programs, substantially increasing the duration, dollar amount, and number of awards. These changes were a result of a strategic decision to utilize our endowment, as well as increase donations, to fund new opportunities in cancer research and accelerate progress. In FY2016, we used \$10 million from our endowment to support our work.

As in previous years, the financial activities of the Damon Runyon Cancer Research Foundation were audited by RMS US LLP. Below is a snapshot of FY2016. For our complete audited financial statements, please visit our website at [www.damonrunyon.org](http://www.damonrunyon.org).



### SUMMARY OF BALANCE SHEETS

	2015	2016
Total Assets	\$145,440,975	\$135,646,786
Total Liabilities	\$25,930,143	\$29,816,543
Total Net Assets	\$119,510,832	\$105,830,243

OUR OVERHEAD IS PAID FROM OUR ENDOWMENT AND DAMON RUNYON BROADWAY TICKETS, ALLOWING

**100%**  
*of your donation to support cancer research.*

**To accelerate breakthroughs, the  
Damon Runyon Cancer Research  
Foundation provides today's best  
young scientists with funding to  
pursue innovative cancer research.  
Our goal is to foster the talent  
capable of revolutionizing the  
prevention, detection, and treatment  
of all forms of cancer.**

DAMON RUNYON  
**CANCER RESEARCH**  
FOUNDATION

ONE EXCHANGE PLAZA  
55 Broadway, Suite 302  
New York, New York 10006  
1.877.7CANCER  
T 212.455.0500 F 212.455.0509  
[www.damonrunyon.org](http://www.damonrunyon.org)