

ALFRED P. SLOAN FOUNDATION
New York City Grantmaking



Mission Statement



The **ALFRED P. SLOAN FOUNDATION** makes grants primarily to support original research and broad-based education related to science, technology, economic performance, and the quality of American life. The Foundation is unique in its focus on science, technology, and economic institutions—and the scholars and practitioners who work in these fields—as chief drivers of the nation’s health and prosperity. The Foundation has a deep-rooted belief that carefully reasoned systematic understanding of the forces of nature and society, when applied inventively and wisely, can lead to a better world for all.

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An aerial, high-angle photograph of a dense urban area, likely New York City, showing a variety of skyscrapers and buildings. The image is oriented vertically, with the top of the page at the bottom of the image.

Why New York City?

New York City and the Sloan Foundation have a long history together. Alfred P. Sloan Jr.'s family moved to Brooklyn when he was eleven. This is where he grew up and went to school before going to MIT. His first job out of college, as a draftsman for the Hyatt Roller Bearing Company, was right across the river in Harrison, NJ. Mr. Sloan lived in New York most of his life, ran General Motors from New York during the apex of his career, and chose New York as the home for the foundation that would bear his name and carry on his legacy. We're still in the same Rockefeller Center offices that Alfred P. Sloan Jr. himself picked out. Any Foundation employee can walk into Mr. Sloan's old office and look down on the bustle in Rockefeller Plaza just like he must have so many years ago.

We owe a lot to New York. Our employees live here, work here, send their kids to New York City schools. Sloan Foundation President Paul L. Joskow, grew up here, and is a product of the New York City public education system. Our grantees are here, too. In fact, because New York boasts so many outstanding scientific, educational, and cultural institutions, many of our grants go to projects or organizations that operate out of the City, supporting, for example, the work of scientists at Columbia, the Museum of Natural History, the New York Botanical Garden, Rockefeller University, economists at NYU, students and researchers at CUNY, television and radio programming at WNYC and WNET. About 25 percent of the Foundation's annual grant budget is spent in and around New York, more than \$110 million since 2008 alone.

In addition to the many grants that go to New York institutions through the Foundation's research and education grants programs, the Foundation has a **Civic Initiatives program** that looks for unique opportunities to benefit the City in ways consistent with the Foundation's mission to support research and education in the natural sciences, technology, engineering, mathematics, and economics. Since 2008, the Foundation's Civic Initiatives program has made grants totaling nearly \$20 million.

New York City is our home. And like every resident, it's our responsibility to take care of it and help it thrive. It's a responsibility we take seriously.

By The Numbers

2008-2013

Number of Grants Approved	1802	100%
Grants Approved to NY State Institutions	277	15.4%
Grants Approved to NY City Institutions	197	10.9%

Total \$ in Grants Approved	\$ 447,791,656	100%
Total \$ in Grants Approved to NY State Institutions	\$ 110,610,459	24.7%
Total \$ in Grants Approved to NY City Institutions	\$ 66,409,597	14.8%
Total \$ in Grants Approved through the Civic Initiatives program	\$ 19,090,863	4.3%

Grant figures are from the period 1/1/2008 through 10/21/2013





Memorial Sloan-Kettering Cancer Center

It is a testament to Alfred P. Sloan's extraordinary vision that some of the contributions for which the Foundation is most well-known are those Mr. Sloan himself made early in the Foundation's history. Nothing illustrates this so clearly as Memorial Sloan-Kettering Cancer Center in New York City, the premier cancer research and treatment facility in the world.

In 1945, Mr. Sloan spearheaded an initiative to make New York City the home to a first-class research center devoted to beating cancer. Sloan's interest in the project was sparked by his longtime friendship with Charles Kettering, whose name the hospital also bears. Kettering, a brilliant scientist and head of the research division of General Motors, was, in Sloan's eyes, one of the men primarily responsible for the company's success during his tenure as Chairman and CEO. Kettering was keenly interested in cancer, having lost his sister to the disease, and together the two men set out to create the largest private research institution devoted to ending the scourge of the disease.

Sloan constructed and equipped a 13-story facility to house research into the causes, prevention, and cure of cancer and related diseases. Over the next 35 years, the facility, originally the independent Sloan-Kettering Institute for Cancer Research (which later merged with Memorial Hospital for Cancer to become the Memorial Sloan-Kettering Cancer Center) would receive some \$67 million dollars from Sloan himself, from the Foundation, and—upon his death in 1966—from Sloan's estate to fund the construction of the Institute's facilities and labs, to defray operating expenses, to train nurses and other staff, and to support research. Adjusting for inflation, Mr. Sloan's contributions to Sloan-Kettering amounted to \$500 million at 2013 price levels. The results speak for themselves. Today, people from all over the world come to Memorial Sloan-Kettering Cancer Center seeking the very best cancer treatment modern medicine has to offer.

Memorial Sloan-Kettering Cancer Center. ►
Photo courtesy of Memorial Sloan-Kettering Cancer Center



Science

At the core of the Sloan Foundation's mission is raising the quality of American life through accelerating breakthroughs in our scientific understanding of the world. An organization with that mission could not pick a better place to set down roots than New York City. Home to some of the finest scientific and educational institutions in the world, New York is where some of the most exciting science in America happens.

New York Genome Center

SUPPORTED SINCE: 2012

FUNDS COMMITTED: \$3,000,000

The New York Genome Center is a state-of-the-art genomic research and sequencing center that aims to transform biological and biomedical research through the creation of one of the largest bioinformatics and genomics facilities in North America. A pioneering effort in scientific collaboration, the Center was created through the cooperation of nearly every major medical and educational research facility in the city, allowing New York's hospitals, universities, and research labs to pool resources, share equipment, and collaborate on research projects. The Center promises to turn New York into an international leader in the rapidly expanding field of genomic research and accelerate breakthroughs across the biological sciences.



A scientist at work at the new Manhattan headquarters of the New York Genome Center. The center estimates it will create hundreds of new jobs in the rapidly growing fields of genomics and bioinformatics. Photo courtesy of the New York Genome Center.

American Museum of Natural History & the New York Botanical Garden

SUPPORTED SINCE: 2006

FUNDS COMMITTED: \$2,628,000

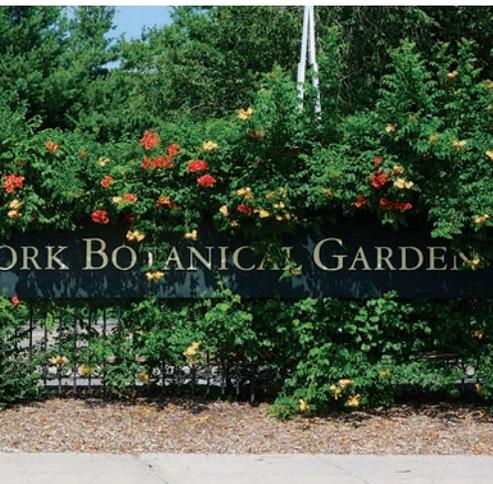
With Sloan support the American Museum of Natural History and the New York Botanical Garden have become world leaders in the field of DNA barcoding, the use of short DNA sequences to quickly, cheaply, and accurately identify plant and animal species. Sloan has supported efforts to develop barcoding technology, construct comprehensive databases of DNA barcodes, and demonstrate the vast array of important uses to which barcoding can be put. Sloan-funded barcoding projects have led to many noteworthy discoveries about products for sale in New York, including studies showing one fourth of the city's sushi mislabeled, Mississippi Paddlefish marketed as sturgeon caviar, and the surreptitious sale of monkey, lion, cane rat, and python meat in New York City restaurants and butcher shops.

City University of New York

SUPPORTED SINCE: 2011

FUNDS COMMITTED: \$1,200,000

The Foundation is a proud supporter of CUNY's Decade of Science, a ten-year initiative to position CUNY as a leading national scientific research institution by strengthening and expanding its research programs and educational offerings in science. Foundation grants support two exciting projects at CUNY: a fellowship program that provides recognition and crucial research support to promising early-career scientists, allowing CUNY to attract and retain first-class scientific talent, and a program that enriches the CUNY educational program by providing CUNY undergraduates with summer research opportunities in New York City labs, allowing talented students to gain real life experience doing real science.



The New York Botanical Garden.
Photo courtesy of Flickr user LorenzoSantos.
(CC BY-NC-SA 2.0)



The CUNY Graduate Center at 5th Avenue and 34th Street.
Photo courtesy of David Shankbone. (CC BY-SA 3.0)

Education

Sloan's mission in education is to increase the quality and diversity of higher education in STEM fields. In our **Education and Advancement for Underrepresented Groups** program, the Foundation partners with select universities to support institution-wide efforts to support the success of students and faculty from groups traditionally underrepresented in STEM fields. Grants in our **Science of Learning STEM** program empower consortia of universities to research how to improve the quality of STEM education and to implement and disseminate that knowledge.

National Action Council for Minorities in Engineering (NACME)

SUPPORTED SINCE: 2001

FUNDS COMMITTED: \$48,700,000

For more than a decade, NACME has been the chief administrator of the Foundation's Minority Ph.D. program and the Sloan Indigenous Graduate Partnership. These Foundation initiatives provide fellowship support to African Americans, Latinos/Hispanics, and Native Americans who are enrolled in advanced degree programs in STEM fields, as well as providing departments committed to minority education in the sciences with crucial funding to support recruitment activities and programs aimed at helping underrepresented students succeed. With more than 2500 students supported over the course of these programs, NACME has played an essential role in making post-graduate scientific education open to everyone, regardless of race, ethnicity, or gender.



Sloan Program Director Elizabeth Boylan (left) and Sloan Program Assistant Dorothy Noel (third from left) pose with NACME's Denise Ellis (right) and Aileen Walter at the 2012 Institute on Teaching and Mentoring. Ellis and Walter are longtime administrators of the Sloan Foundation's Minority Ph.D. program. **Photo courtesy of Denise Ellis/National Action Council for Minorities in Engineering.**

Cold Spring Harbor Laboratory

SUPPORTED SINCE: 2011

FUNDS COMMITTED: \$3,300,000

The Dolan DNA Learning Center (a branch of the Cold Spring Harbor Laboratory) is the world's first science center devoted to genetics education and has locations in Cold Spring Harbor, Lake Success, and East Harlem. With Sloan support, the Center launched the Urban Barcoding Project in 2011, a citywide science competition that encouraged high school students to learn about the urban environment through the use of DNA barcoding technology. Hundreds of students across the five boroughs ventured out to catalog biodiversity in Central Park, verify the accuracy of food labeling in city markets, and discover what species thrive undetected in New York homes and businesses. In 2013, the Foundation pledged \$3 million to support a new DNA Learning Center in New York City.

The Sloan Awards for Excellence in Teaching Science & Mathematics

SUPPORTED SINCE: 2008

FUNDS COMMITTED: \$1,400,000

Since 2009, the Foundation has partnered with the Fund for the City of New York to recognize outstanding science and math teachers in New York City's public high schools. Awarded annually, the Sloan Awards for Excellence in Teaching Science and Mathematics honor seven exemplary educators who achieve superb results, are advocates for academic excellence within their schools, and whose passion, imagination, and commitment inspire their students to pursue careers in science or mathematics. Winning teachers receive \$5,000 and an additional \$2,500 is awarded to each winner's school to strengthen its science and mathematics program.



Students extract and analyze DNA at the Harlem DNA Lab. The facility provides fun, high-quality genetic and bioinformatics education to thousands of NYC schoolchildren each year. **Photo courtesy of Cold Spring Harbor Laboratory.**

Naoual Eljastimi received an Alfred P. Sloan Award for Excellence in Teaching Science and Mathematics in 2012 for her work teaching chemistry at Brooklyn's Leon M. Goldstein High School for the Sciences. **Photo courtesy of the Fund for the City of New York. Photo by Sarah Shatz.**



SPOTLIGHT: Inside Schools

Inside Schools

SUPPORTED SINCE: 2001

FUNDS COMMITTED: \$3,830,936

Founded in 2002, InsideSchools is an independent not-for-profit organization devoted to providing parents with accurate, up-to-date information on the more than 1,800 elementary, middle, and high schools that make up the New York City public education system. Making hundreds of site visits per year, specialists trained by InsideSchools conduct in-depth interviews with students, teachers, and administrators; monitor classroom conditions; and catalog school program offerings, creating the most detailed picture available of the quality of New York City public education. By visiting their website, New York city parents can obtain detailed information covering just about every aspect of school performance, including the size and demographics of the student body, attendance statistics, graduation rates, how the school compares to others in the city, as well as read detailed school reviews written by independent observers and view pictures and videos of the schools themselves. For anyone trying to navigate the sprawling and sometimes confusing New York City school system, InsideSchools is a resource of incomparable value that has become an indispensable source of information for parents, students, and educators alike. The Foundation is proud to have been a founding sponsor of InsideSchools and Sloan continues to support a host of initiatives designed to increase the scope and value of the services delivered, including funds to redesign, translate, and host the InsideSchools website and to collect more detailed information about the mathematics and science courses offered in New York public schools.

Inside Schools Executive Director Clara Hemphill (center) interviews a teacher at the Martin Luther King Jr. Education Campus, which houses six small schools on New York's Upper West Side. **Photo by Loni Fredryx.**



Economics

The Foundation supports economic research through three separate programs. Our **Economic Institutions, Behavior, and Performance** program aims to accelerate economic breakthroughs in areas related to financial markets, regulation, knowledge production, and behavioral economics. Our **Working Longer** program funds research related to the aging workforce and the understudied issues older workers face. Our **Energy** program supports research into economic, technological, and environmental issues related to the production of energy.

Council on Foreign Relations

SUPPORTED SINCE: 2009

FUNDS COMMITTED: \$2,412,851

An independent, nonpartisan think tank and publisher, the Council on Foreign Relations brings together some 4,700 scientists, policymakers, academics, journalists, and public intellectuals of all stripes to examine the complex array of issues that shape the international agenda and are being grappled with by nations around the world. Since 2009, the Foundation has supported an ambitious project led by Michael Levi, Senior Fellow at the Council, to conduct important research on global issues in energy security, including how oil markets function and what potential diplomatic, financial, or military policies could disrupt them, how U.S. policy can affect oil demand in developing countries, and the geopolitics of natural gas.



The Council on Foreign Relations offices on East 68th Street in New York City.

Photo courtesy of Flickr user edenpictures. (CC BY 2.0)

New York Academy of Medicine

SUPPORTED SINCE: 2012

FUNDS COMMITTED: \$594,898

Funded through the Foundation's Working Longer program, which supports research on the impediments and facilitators to working at older ages, the New York Academy of Medicine has launched an innovative new awards program to recognize and honor New York City businesses that are industry leaders in their treatment of older workers, rewarding employers whose hiring practices, institutional infrastructure, and personnel policies maximize the potential of the older workforce. The awards hold the promise to raise the visibility of issues facing America's older workforce and transform New York City into a national and international leader in age-friendly employment.



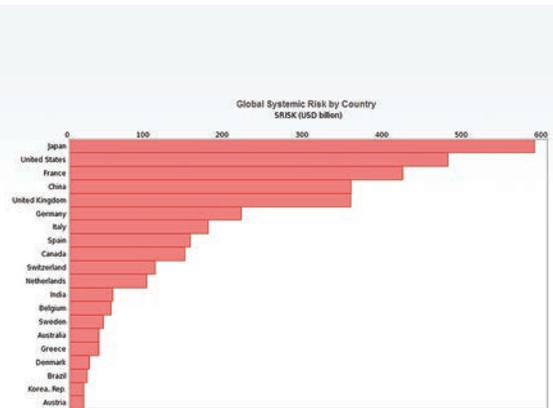
The Age Smart Employer Awards honor innovative employers in New York City that take full advantage of the talents, expertise, skills, and commitment of older workers like Certified Nurse Practitioner Levern Jackson. Photo courtesy of Amy Hart/New York Academy of Medicine.

New York University

SUPPORTED SINCE: 2011

FUNDS COMMITTED: \$311,556

The Foundation has granted millions of dollars to support research on the causes of the 2008 financial crisis and how best to reform the global financial system in its aftermath. One important project we support is led by Rob Engle, a Nobel-prize-winning professor at NYU. His "Volatility Institute" there has developed an empirically-tested, theoretically-informed model for estimating how much risk a firm contributes to the global financial system. Using a sophisticated stress test, Engle's pioneering work measures how susceptible banks and other financial institutions are to shocks to world stock and bond markets, allowing regulators to identify which firms pose the greatest threat to global financial stability.



Rob Engle's work at NYU has allowed him to estimate how much capital the banking sector in each country would have to raise to remain fully functioning in the event of another financial crisis. Japanese banks top the list at nearly \$600 billion. (Photo courtesy of Rob Engle)

Technology

The Foundation's Digital Information Technology program leverages developments in information technology to increase the effectiveness of scholarly research and public engagement with knowledge. With hundreds of cutting edge technologists living here in the City, many of the Foundation's grants in this program go to New York institutions. These are just a few of the many exciting technology projects the Foundation is funding at New York City institutions.

Datakind

SUPPORTED SINCE: 2012

FUNDS COMMITTED: \$731,554

The Foundation is proud to be a founding sponsor of DataKind, a New York-based not-for-profit organization that helps programmers, technicians, database engineers, and other data scientists find volunteer opportunities with local non-profits. Because many small charities lack the budget to keep technical personnel on staff, Datakind fills a crucial gap in the not-for-profit landscape, giving volunteer-minded technologists the opportunity to put their special skills to good use and providing local charities with high-quality data management services, technical consulting, web support, and systems engineering that would otherwise be beyond reach.



Datakind volunteers gather at the 2012 NYC Government Data Dive, an event that brought computer programmers, technologists, and data scientists together with municipal officials to come up with new tools to improve the delivery of social services to the public. **Photo courtesy of DataKind.**

NYU Center for Data Science

SUPPORTED SINCE: 2013

FUNDS COMMITTED: \$1,500,000

The data and computational power unleashed by the digital age promises to open up whole new realms of scientific discovery, empowering researchers to ask and answer questions that were all but unanswerable just a decade ago. Yet the increasing volume, variety, and velocity of data pose new challenges that require the development of resources, skills, tools, and infrastructure to allow scientists to tap the full potential of the data revolution. Sloan is proud to support NYU's Center for Data Science in its role leading a university-wide initiative (in collaboration with the University of Washington and the University of California, Berkeley) to pioneer a new model for how universities can enhance data-driven discovery.

The Public Mapping Project

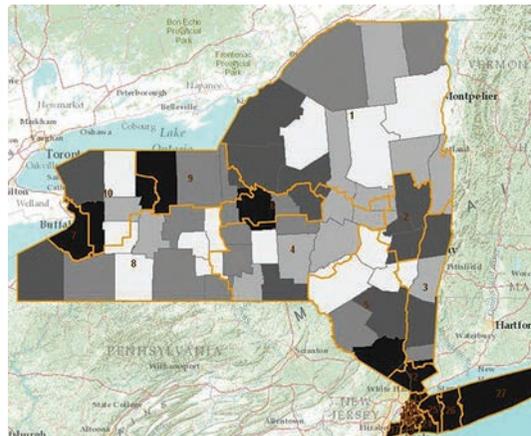
SUPPORTED SINCE: 2009

FUNDS COMMITTED: \$844,871

DistrictBuilder is an award-winning software platform created with Sloan Foundation support. It enables citizens to participate in the congressional redistricting process by empowering them to draw, evaluate, and share their own electoral maps. The Public Mapping Project, collaborating with Fordham University, brought DistrictBuilder to New York by hosting state-specific data and websites, holding workshops across the state to inform and engage the public, and sponsoring a competition that resulted in the submission of more than 1500 citizen maps, the best of which were considered by the New York State Assembly. The effort marks the first time New Yorkers have been able to draw voting district maps that allow informed discussion of competing plans.



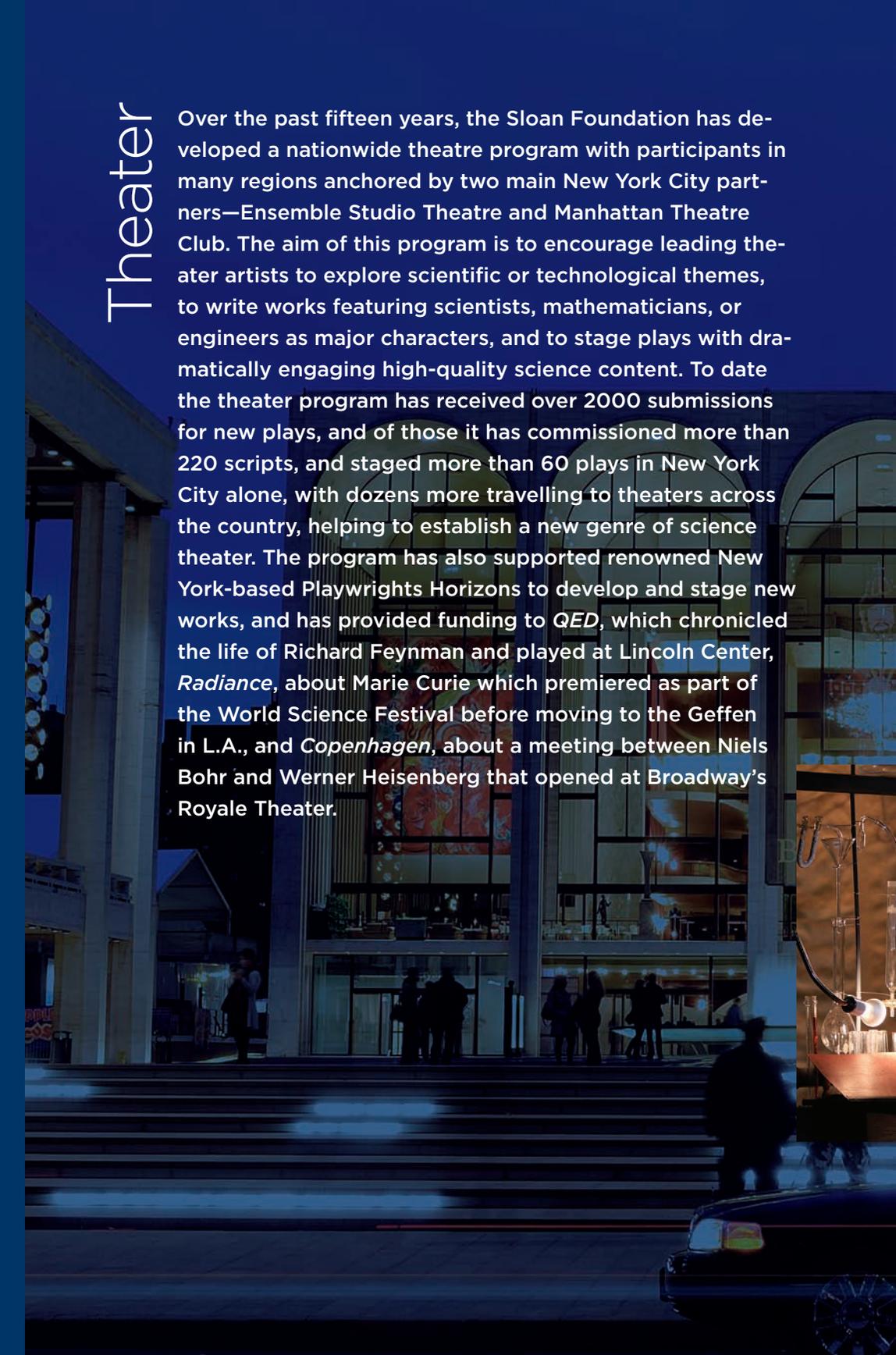
NYU computer scientist, Yann LeCun (right), will lead one of three university-wide initiatives to radically empower scientists by developing tools, resources, and infrastructure that aim to help researchers collect, manage, analyze, and store data.
Photo courtesy of Yann Lecun.



A competition sponsored by Fordham University challenged students across New York State to use DistrictBuilder to submit ideas for redrawing New York's congressional districts in ways that are fairer and better respect geological and demographic boundaries. The winning map, submitted by a group of students at the University of Buffalo, untangles New York's current electoral map while creating several new districts that empower minority communities.

Theater

Over the past fifteen years, the Sloan Foundation has developed a nationwide theatre program with participants in many regions anchored by two main New York City partners—Ensemble Studio Theatre and Manhattan Theatre Club. The aim of this program is to encourage leading theater artists to explore scientific or technological themes, to write works featuring scientists, mathematicians, or engineers as major characters, and to stage plays with dramatically engaging high-quality science content. To date the theater program has received over 2000 submissions for new plays, and of those it has commissioned more than 220 scripts, and staged more than 60 plays in New York City alone, with dozens more travelling to theaters across the country, helping to establish a new genre of science theater. The program has also supported renowned New York-based Playwrights Horizons to develop and stage new works, and has provided funding to *QED*, which chronicled the life of Richard Feynman and played at Lincoln Center, *Radiance*, about Marie Curie which premiered as part of the World Science Festival before moving to the Geffen in L.A., and *Copenhagen*, about a meeting between Niels Bohr and Werner Heisenberg that opened at Broadway's Royale Theater.



Ensemble Studio Theatre

SUPPORTED SINCE: 1997

FUNDS COMMITTED: \$8,141,000

New York's Ensemble Studio Theatre (EST), one of the premiere developmental theatres in the country, was Sloan's first theater partner and produces the highest volume of science and technology-themed works in partnership with the Foundation. The EST-Sloan Project awards 12 annual commissions and develops, produces, and disseminates new science plays in New York and across the country. EST hosts the annual EST/Sloan First Light Festival, a month-long celebration featuring new science and technology plays, readings, workshops, and cabarets. The Foundation has supported many critically acclaimed productions at EST, including *Isaac's Eye* by Lucas Hnath, *Headstrong* by Patrick Link, *Photograph 51* by Anna Ziegler, and Deborah Zoe Lauffer's *End Days*.

Manhattan Theatre Club

SUPPORTED SINCE: 2000

FUNDS COMMITTED: \$2,445,000

One of the most acclaimed theaters in the country, the Manhattan Theatre Club (MTC) works with Sloan to develop new plays about science and technology and to nurture playwrights with an interest in these subjects. The MTC-Sloan Initiative commissions five annual science- and technology-themed plays from emerging, mid-level, and established playwrights, including Craig Lucas, Rona Munro, Itamar Moses, Bryony Lavery, Eric Simonson, and Kenneth Lin. Sloan provides additional production support to MTC to stage innovative science-themed works, beginning with David Auburn's *Proof* (2000) and continuing through 2013 with three Sloan-supported productions—*An Enemy of the People*, *The Other Place*, and *The Explorer's Club*.



Kristen Bush as Rosalind Franklin in *Photograph 51* by Anna Ziegler. Photo by Gerry Goodstein.



Zoe Perry and Laurie Metcalf in MTC's production of Sharr White's *The Other Place*. Photo by Joan Marcus, courtesy of Manhattan Theatre Club



SPOTLIGHT: World Science Festival

World Science Festival

SUPPORTED SINCE: 2006

FUNDS COMMITTED: \$3,940,000

Launched in 2008 with founding support from the Sloan Foundation, the New York-based World Science Festival is an annual celebration and exploration of science that aims to engage with the general public about scientific discovery, its wonder, its value, and its implications for our future. Co-founded by theoretical physicist Brian Greene, author of the best-selling books *The Elegant Universe* and *Fabric of the Cosmos*, Emmy-award winning journalist and producer Tracy Day, and actor, author and playwright Alan Alda, the World Science Festival has, in only a few years, become one of the most celebrated science festivals in the world. With highly produced sold-out performances and events that take place all over the city, the festival has attracted close to a million people with millions more reading about it and streaming events online. Science lovers of all ages and levels of interest can engage with in-depth panels exploring the latest discoveries in neuroscience, fascinating demonstrations of how materials interact at absolute zero, or kid-friendly shows by a wizardly “mathemagician.” Thousands flock each year to Washington Square Park for the festival’s annual science street fair, a day filled with live performances, games, and interactive exhibits. With its focus on how science relates to every aspect of life and culture, the festival has attracted not only leading scientists like Stephen Hawking, Edward O. Wilson, James Watson and Francis Collins, but cultural icons like Yo-Yo Ma, Joyce Carol Oates, Glenn Close, and Philip Glass. Standing-room only at most events, the festival has expanded in recent years and is now offering programming year-round, partnering with a host of scientific and educational institutions to produce science- and education-themed videos that bring the best the festival has to offer to audiences all over the world to expand what has truly become a signature New York City cultural event.

Brad Lubman conducts the Orchestra of St. Luke’s in a performance of *Icarus at the Edge of Time* at the opening night of the 2012 World Science Festival. Scored by Phillip Glass and based on a children’s book by physicist Brian Greene, the Sloan-supported event combines music, animation, and live narration to tell the story of a courageous boy who challenges the awesome power of a black hole. (Photo: Greg Kessler / © 2012 World Science Festival) ▶



Radio & Television

The Sloan Foundation's Public Understanding of Science, Technology and Economics program seeks to bridge the two cultures—the humanities and the sciences—through support of books, radio, film, television, theatre, and new media to reach a wide, non-specialized audience. The Foundation has a robust radio and television program which supports original high quality programming by New York City institutions that are an essential part of this nationwide effort.

Thirteen WNET

SUPPORTED SINCE: 1994

FUNDS COMMITTED: \$6,281,000

Since the mid-1990s, the Foundation has partnered with New York's public television affiliate, WNET, to bring accessible, accurate, high-quality science programming to broad audiences. Foundation funds provided support for *Stephen Hawking's Universe*, about the work of the celebrated British physicist; *Human Spark*, a three-part series hosted by Alan Alda that explores human uniqueness; *Frontier House*, about pioneer life; *Light Speed* about the history of fiber optics; *Ground War* and *War Plane*, in-depth looks at the history of military technology; *The Secret of Life* about the discovery of DNA; and *The Open Mind*, Richard Heffner's ongoing conversation with academics, policymakers, journalists, researchers and other luminaries.



Alan Alda hosts *Human Spark*.
Photo courtesy of WNET.

WNYC

SUPPORTED SINCE: 2005

FUNDS COMMITTED: \$3,713,200

New York-based public radio station WNYC has been a cornerstone of the Foundation's efforts to promote quality science-themed programs in radio. Sloan was one of the earliest supporters and continues to be a lead funder of the WNYC-produced and Peabody Award-winning science series, *Radiolab*, hosted by Jad Abumrad and Robert Krulwich, which is broadcast to more than 300 stations nationwide. Also supported through WNYC is another Peabody award-winning program, *Studio 360* hosted by Kurt Anderson, the popular arts and culture program whose science and creativity series highlights the intimate relationship between science, imagination, and the arts.

Science Friday

SUPPORTED SINCE: 2004

FUNDS COMMITTED: \$2,359,100

Initial grants to NY-based *Science Friday* went through NPR, but since 2010 have been awarded directly to the Science Friday Initiative. Broadcast live every Friday on NPR, *Science Friday* is a weekly radio talk show that brings together leading scientists, academics, and researchers from astrophysics to zoology to unveil the latest scientific discoveries and explore the myriad ways that science and technology impact everyday life. Hosted by veteran science journalist Ira Flatow, *Science Friday* is the only two hours on air devoted solely to all things science and encourages a lively, engaging public discussion of science issues and the increasingly central role science and technology play in our public and private lives.



Radiolab hosts Jad Abumrad and Robert Krulwich. Photo courtesy of MarcoAntonio.com



Veteran science journalist and *Science Friday* host Ira Flatow. Photo courtesy of Science Friday Initiative, Inc.

Film

The Foundation has developed a nationwide film program that includes support of film schools, film festivals, and film development and distribution platforms. The goals of this program are to influence the next generation of filmmakers to tackle science and technology themes and characters, to increase visibility for feature films that depict this subject matter, and to develop new scripts about science and technology that can be produced and released theatrically. The program has created a film development pipeline of multiple program partners through whom Sloan nurtures and develops individual projects with different grants until they are successfully launched.

New York University

SUPPORTED SINCE: 1996

FUNDS COMMITTED: \$3,155,700

Over 15 years ago, the Foundation partnered with the Tisch School of the Arts, one of the leading film schools in the country, to establish an innovative program that empowers filmmakers to incorporate science and technology into their work. The program holds an annual screenwriting competition that awards four screenplay grants to scripts featuring science and technology, and awards two yearly production grants to filmmakers for short films. NYU gives out an annual, much-sought-after, \$100,000 production grant to enable a student to shoot a first feature film about science and technology. Several films that originated in the NYU-Sloan program have been completed and released theatrically, most recently *Robot & Frank* and *Valley of Saints*.



Director Marni Zelnick with *Druid Peak* stars Andrew Wilson and Spencer Treat Clark at the top of Shadow Mountain in Jackson, WY.

Photo courtesy of Marni Zelnick.

Columbia University

SUPPORTED SINCE: 1997

FUNDS COMMITTED: \$1,149,500

The Foundation's longstanding partnership with Columbia University School of the Arts, which has a nationally ranked film program, awards two grants to science-themed feature scripts and two production grants for short films each year. With Sloan's support Columbia awards an additional grant to a production team wishing to incorporate science and technology themes or characters into a series for the web. Jay Burke's *Whaling City* is among the finished films that have resulted from the Columbia- Sloan program.

Tribeca Film Institute

SUPPORTED SINCE: 2002

FUNDS COMMITTED: \$5,119,400

The Tribeca Film Festival was founded in 2002 in the wake of 9/11 and Sloan has supported Tribeca since that first year. Sloan has continued to develop its relationship in the decade plus since, as Tribeca has grown into a major international festival. Each year, the TFI-Sloan Program supports four to six screenwriters with cash prizes and mentoring by the Tribeca Film Institute. TFI-Sloan also hosts staged readings of winning scripts and a retrospective screening and discussion of a classic feature film with science and technology themes. The program has resulted in three completed films, *Future Weather*, *Computer Chess*, and *A Birder's Guide to Everything*, which premiered at festivals and won awards, with several more exciting projects in the pipeline.



Still from *Three Light Bulbs* by Columbia University MFA students Min Ding and Cindy Hu.
Photo courtesy of Columbia University School of the Arts.



2012 Sloan Works-In-Progress Readings.
Photo: Pamela Gillen, Bulldog Photography.



Culture

The Foundation is committed to using all media and platforms to advance the public's understanding of science, and is proud to have sponsored some of the most influential cultural institutions in New York as part of its ongoing conversation with the public about the value of science, technology, engineering, and mathematics.

Metropolitan Opera

SUPPORTED SINCE: 2008

FUNDS COMMITTED: \$1,000,000

In 2008, the Foundation supported the Metropolitan Opera in its landmark production of *Doctor Atomic*, John Adams's epic story of Dr. Robert Oppenheimer, leader of the U.S. government effort to create the first atomic bomb. Foundation funds supported a television broadcast of the opera and live, high-definition transmissions of *Doctor Atomic* into theaters across the country, expanding the reach of the Met's innovative production to thousands. Foundation funds also supported outreach activities and symposia about the history and science surrounding the project, providing education and context to audiences across the country.



A scene from the 2008 production of John Adams's *Doctor Atomic* at the Metropolitan Opera House in New York City.

Photo courtesy of Ken Howard/Metropolitan Opera.

Brooklyn Academy of Music

SUPPORTED SINCE: 2006

FUNDS COMMITTED: \$827,250

The Foundation has partnered with the Brooklyn Academy of Music (BAM) since 2006, providing support for numerous innovative initiatives that explore how dance, music, film, and multi-media can be used to advance the public understanding of science. Foundation funds have supported Phillip Klein and Jim Jarmush's opera *Tesla in New York*, about the brilliant engineer and inventor; a BAM exhibition, *69°S*, honoring the 150th anniversary of Ernest Shackleton's famed Trans-Antarctic expedition; *Kepler*, Philip Glass's opera about Johannes Kepler; and, in 2012, a feature length documentary on Robert Wilson and Philip Glass's historic opera, *Einstein on the Beach*, and its relation to Einstein's work.

National Museum of Mathematics

SUPPORTED SINCE: 2011

FUNDS COMMITTED: \$401,461

Newly opened in 2012, the National Museum of Mathematics (MoMath) is the only U.S. museum devoted to all things mathematical. Nestled in the heart of Manhattan on the edge of Madison Square Park, MoMath is filled with engaging, interactive exhibits for children of all ages that explore the weird, wonderful worlds opened by algebra, geometry, topology, and number theory. With Sloan support, the Museum has developed portable versions of its popular standing exhibits, allowing the MoMath to expand its influence and bring its imaginative creations to science festivals, museums, and classrooms all across the U.S.

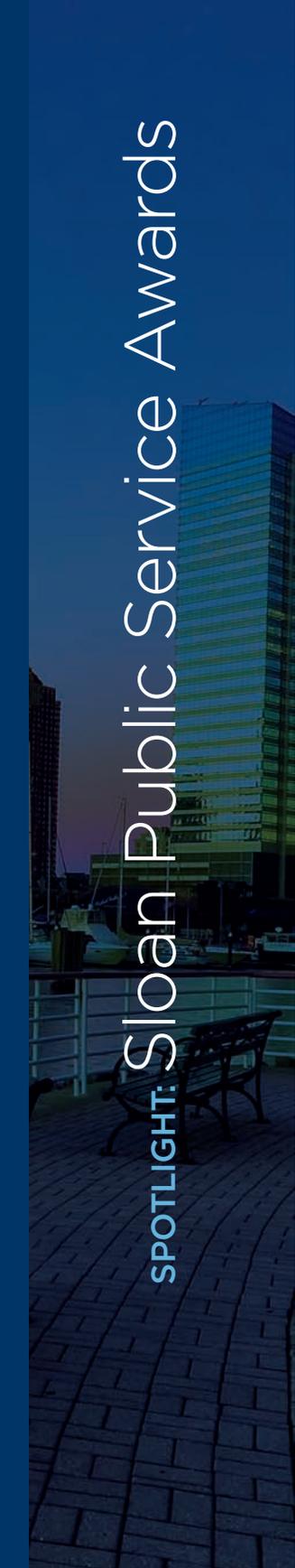


Co-conceived by Phantom Limb, *69° S* melded theatrical performance, puppetry, photography, and film with original contemporary music to create a stunning—and unprecedented—artistic and emotional journey inspired by Sir Ernest Shackleton's 1914 Trans-Antarctic Expedition in BAM's Harvey Theater as part of the 2011 Next Wave Festival. **Photograph by Pavel Antonov.**



Two young girls at New York's newly opened Museum of Mathematics learn that if you know enough geometry, a square-wheeled tricycle is as good as any other. Foundation grants allowed the Museum to develop portable versions of its exhibits for use at science fairs around the country.

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SPOTLIGHT: Sloan Public Service Awards

Sloan Public Service Awards

SUPPORTED SINCE: 1985

FUNDS COMMITTED: \$2,950,000

Inaugurated by the Fund for the City of New York in 1973 and supported by the Sloan Foundation since 1985, the Sloan Public Service Awards honor outstanding New York City civil servants whose work performance and commitment to the public transcend not merely the ordinary but the extraordinary. Drawn from city departments across the five boroughs, the seven annual winners of the awards represent the best New York City government has to offer: dedicated, passionate city workers who have often passed up lucrative careers in private industry to devote their lives to helping New York City run. More than 250 extraordinary individuals have been honored since the awards began, representing every aspect of city government: schools, libraries, sanitation, housing, public health, police, fire, transit, emergency management, legal services, water and power, and many, many more. Nominated by their peers and selected by an independent blue-ribbon panel of public advocates, winners receive \$10,000 and are honored in a public ceremony in thanks for their decades of service to the public good. The Foundation is proud to support the Sloan Public Service Awards, not merely out of recognition for the exceptional achievements of each year's winners, and as an acknowledgement of the tremendous, vital contributions made to New York City life by its more than 250,000 civil servants.

New York City Hall ►

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New York Grantees, 2008–2013

(Transfers Excluded)

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American Museum of the Moving Image
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American Society of Mechanical Engineers
ARTstor, Inc.
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Museum of the Moving Image
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