



THIS EVENT IS AN INITIATIVE OF:

## NEW YORK CITY ECONOMIC DEVELOPMENT CORPORATION

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## PARTNERS



# NEW YORK CITY

a leading center of commercial bioscience

New York City is a proud champion of biomedical research and industry. Offering unparalleled access to funding, talent, and resources, NYC is home to a thriving bioscience community.

For more information on bioscience in NYC, including the state-of-the-art Alexandria Center - New York City and the BioBAT Research Park in Brooklyn, visit [www.nycedc.com/biosci](http://www.nycedc.com/biosci)

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New York City Economic Development Corporation

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## NEW YORK GENOME CENTER AT A GLANCE

Incorporated in 2010 and launched in 2011, the New York Genome Center is an independent nonprofit at the forefront of transforming biomedical research and clinical care with the mission of saving lives. As a consortium of renowned academic, medical and industry leaders, NYGC focuses on translating genomic research into clinical solutions for serious disease. Our member organizations and partners are united in this unprecedented collaboration of technology, science, and medicine.

NYGC has extensive in-house bioinformatics support, the fastest gene sequencing technology available and a large IT infrastructure for data storage and high-performance computation, empowering researchers to access best-in-class analysis, to perform research in a clinically relevant and cost-effective timeframe, and to consolidate resources. Member institutions include: Albert Einstein College of Medicine, American Museum of Natural History, Cold Spring Harbor Laboratory, Columbia University, Cornell University/Weill Cornell Medical College, Hospital for Special Surgery, The Jackson Laboratory, Memorial Sloan Kettering Cancer Center, Icahn School of Medicine at Mount Sinai, NewYork-Presbyterian Hospital, The New York Stem Cell Foundation, New York University, North Shore-LIJ, The Rockefeller University, Roswell Park Cancer Institute, Stony Brook University and IBM.

NYGC is led by President, Chief Executive Officer and Scientific Director Robert B. Darnell, M.D., Ph.D., a leading physician-scientist, Howard Hughes Medical Investigator and member of the National Academy of Sciences. Our board of directors consists of a senior representative from each of our Institutional Founding Members, as well as a number of independent directors. In addition to our staff of leading bioinformaticians, software engineers, high performance computing experts and sequencing personnel, we have a growing list of faculty members who are leading their own innovative research at the Center. Each faculty member holds a joint appointment at a Member Institution. Our capacities and expertise reflect our commitment to being a vital resource – and driver – for the advancement of translational genomics. Our current core activities include:

- providing best-in-class sequencing and bioinformatics services to our members and the genomics research community at large;
- building our clinical laboratory, which is offering Next Generation Sequencing (NGS)-based exome testing for constitutional disorders, and is in the process of getting NY State approval to offer cancer testing and whole genome clinical sequencing;
- leading innovative research and methods development and improvement; we have several multi-institutional projects currently underway in cancer, autoimmune disease and neurological disorders – including a personalized medicine trial that includes Watson, IBM's artificial intelligence technology;
- developing the systems and infrastructure to enable researchers from New York and beyond to carry out large-scale, collaborative genomics research; and
- hosting and supporting a number of educational and outreach initiatives, including two lecture series that are free and open to the public.

Since its inception, NYGC has raised over \$200 million from a number of sources, including grants, corporate and private philanthropic support, and other funding – including a matching grant from the State of New York for \$55.75 million. We invite you to visit our website, [www.nygenome.org](http://www.nygenome.org), to learn more about the work we have underway, and our vision for the future.



**SBIR IMPACT**  
BIO AND HEALTH TECH NYC

## Program Overview

### **Mission**

An initiative of New York City Economic Development Corporation, SBIR Impact – Bio & Health Tech NYC is a competitive SBIR/STTR application assistance program for life sciences and healthcare technology companies in New York City. The Program will help participants compete for over \$2.6 billion in non-dilutive federal R&D funding through the government's Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) programs.

### **Description**

Each year, SBIR Impact will offer 20 select companies specialized assistance through a combination of advanced training workshops and 20 hours each in one-on-one expert proposal-development assistance. In addition, the Program will offer a series of introductory workshops to prospective applicants and the public. Participants for intensive training and one-on-one assistance are identified through a competitive application process held three times per year.

### **Overview of Application Process**

Interested participants submit an online application by one of three deadlines: January 14, April 22 or September 9, 2015.

1. Applicants will be asked to participate in an assessment call with our Program Team to discuss eligibility and interest in submitting an SBIR/STTR application.
2. Selected participants will be notified on a rolling basis by dates that will be announced depending upon the cycle in which their applications were received.
3. Twenty participants will be selected per year. Once 20 companies are selected, a waiting list will be established and additional companies may be accepted based on availability.
4. In addition to receiving 20 hours of expert assistance, selected participants will be expected to participate in one of our Intensive Training workshops.

**[www.sbirnyc.com](http://www.sbirnyc.com) 734.930.9741**







































































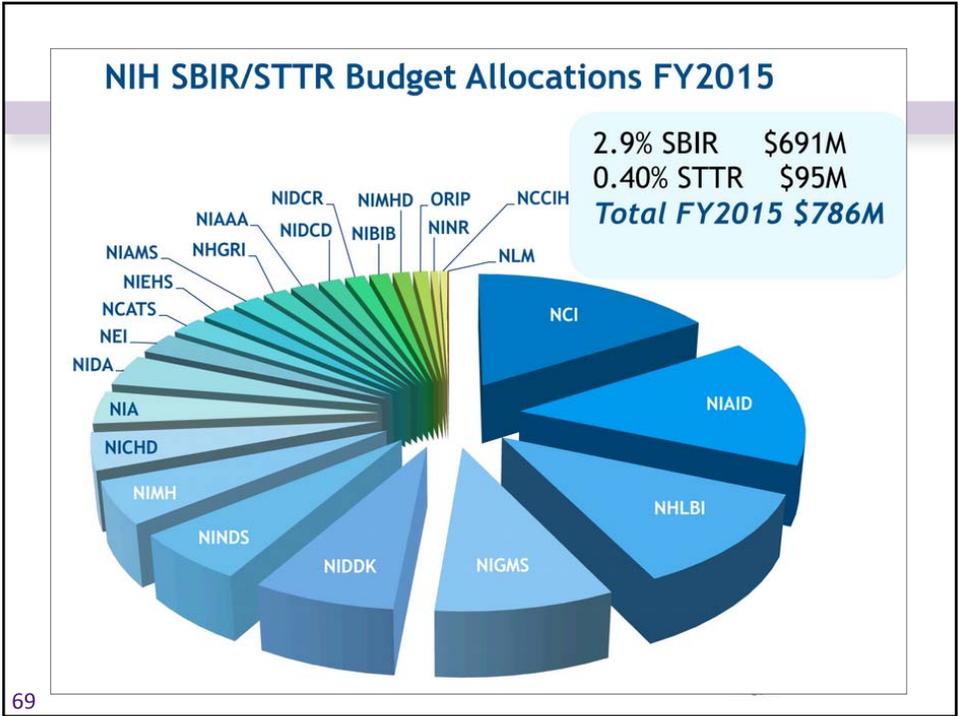
## Purpose of NIH SBIR/STTR Program

- Stimulate technological innovation
  - New technologies
  - Refinement of existing technologies
  - New applications for existing technologies
- Increase the commercial application of NIH supported research
  - New medical or biological products
    - s Improved value
    - s Improved efficiency
    - s Improved costs



## Applications and Awards: Phase I SBIR





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The screenshot shows the NIH website homepage. The 'Grants & Funding' menu item is highlighted with a red starburst. The page features a '2012 RESEARCH HIGHLIGHTS' banner, a '2012 RESEARCH HIGHLIGHTS' section with a 'More' button, and a 'THE NIH DIRECTOR' section with a photo of Dr. Francis S. Collins and social media links. A search bar is visible at the top right.

[www.nih.gov](http://www.nih.gov)



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**Grants & Funding**

**HOME** ABOUT GRANTS FUNDING FORMS & DEADLINES GRANTS POLICY eRA NEWS & EVENTS ABOUT OER

**About Grants**  
 Grants Process Overview  
 Grant Application Basics  
 Types of Grant Programs  
 How to Apply  
 Peer Review Process  
 Award Management  
 Foreign Grants Information  
 Funding Strategies

**Electronic Grants**  
 Electronic Research Admin (eRA)  
 eRA Commons  
 Applying Electronically

**Forms & Deadlines**  
 Forms & Applications  
 Due Dates  
 Submission Policies  
 Submitting Your Application

**Grants Policy**  
 Policy & Guidance  
 Compliance & Oversight  
 Research Involving Human Subjects  
 Office of Laboratory Animal Welfare (OLAW)  
 Peer Review Policies & Practices  
 Intellectual Property  
 Invention Reporting (Edison)  
 NIH Public Access  
 Research Integrity

**FUNDING**  
 Search NIH Guide for Grants and Contracts  
 Search  
 Funding Opportunities & Notices  
 Unsolicited Applications (Parent Announcements)  
 Advanced Search

Recovery Act  
 Research Training & Career Development  
 Small Business (SBIR/STTR)  
 Contract Opportunities

NIH Loan Repayment Programs  
 New and Early Stage Investigators  
 Stem Cell Information  
 NIH Common Fund  
 OppNet (Behavioral & Social Sciences)

**RePORT**  
 REPORTER  
 AWARDS BY LOCATION  
 NIH DATA BOOK  
 FUNDING FACTS  
 CATEGORICAL SPENDING  
 REPORT CATALOG

**Rock Talk**  
 Follow @RockTalk  
 More on Big Data Training for the Scientific Workforce  
 Federal Agencies and Research Organizations Working in Partnership  
 Collecting Data on Postdoc Benefits

**Latest News and Events**  
 Application Submission News  
 NIH Regional Seminars - Register by March 7 & Save!  
 SBIR Expansion for 140-SNAP Progress Reports on 4/25/15

**Social Media**  
 Listservs & RSS  
 Workshops and Training

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 OER and You  
 OER Annual Reports  
 OER Offices  
 Contact Us

**Global Resources**  
 Need Help?  
 Glossary & Acronyms  
 Frequently Used Links

## NIH -- Get Connected

NIH Small Business Innovation Research (SBIR) Small Business Technology Transfer (STTR)

SEARCH

**17th Annual NIH SBIR and STTR Conference**  
 From Washington to Washington: Supporting Small Business Innovation for Health  
 OCTOBER 27 - 29, 2015 • SEATTLE, WASHINGTON  
 Hosted by the Washington State Department of Commerce  
 Registration is expected to open around May! Stay tuned for details.  
 Follow us on twitter @NIHsbir #SBIRconf

**Engage & Connect**  
 Explore all the ways you can engage and connect online with the NIH SBIR and STTR programs. Our suite of online resources and active social media presence makes it easy to stay connected and informed about the latest updates and events.

**ENGAGE** **CONNECT**

**News & Events** **Follow us on Twitter** **Videos & Webinars**

HHS Welcomes NIDILRR as a new NIH SBIR/STTR Agency - New Announcements  
 Tweets Follow

CSR SBIR/STTR Peer Review Webinar

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**New to SBIR/STTR**  
 WHERE TO START

NIH SBIR/STTR REAUTHORIZATION IMPLEMENTATION

REPORT FRAUD, WASTE AND ABUSE

FREQUENTLY ASKED QUESTIONS

**SBIR IMPACT**  
 BY AND HEALTH TECHNOLOGY

<https://sbir.nih.gov/engage>

## How Does NIH Solicit Applications ?

- Federal Opportunity Announcements (FOA) published:
  - The NIH Guide
  - At grants.gov
- Parent Announcements – cover basic mechanisms
  - Investigator-initiated applications
- Special Opportunities to “fill gaps”
  - Requests for Applications (RFAs) – a one time call with set aside funds
  - Program Announcements (PA) – highlights areas of focus
  - Program Announcement with Special Review (PAR) – for special consideration and “protected” review
  - Program Announcement with Set Aside (PAS) – essentially an RFA with multiple receipt dates



**NEW NIH SBIR/STTR WEBSITE!**

**What are SBIR and STTR Programs?**

The Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) programs are one of the largest sources of early-stage capital for innovative small companies in the United States. These programs allow US-owned and operated small businesses to engage in federal research and development (R&D) that has a strong potential for commercialization.

In Fiscal Year 2014, NIH's SBIR and STTR programs will invest over 750 million dollars into early-stage, health and life science companies that are creating a wide range of innovative technologies that align with NIH's mission to improve health and save lives. A key objective of this work is translating promising technologies to the private sector through strategic public and private partnerships, so that life-saving innovations reach consumer markets.

We invite you to explore our website to learn more about NIH's SBIR & STTR programs, or get started on an application!

**SBIR** The NIH SBIR program funds early stage small businesses that are seeking to commercialize innovative biomedical technologies. This competitive program helps small businesses participate in federal research and development, develop life-saving technologies, and create jobs.

**STTR** The NIH STTR program is similar to the NIH SBIR program, but requires that the small business formally collaborate with a research institution in Phase I and Phase II. Learn more about the NIH SBIR and STTR programs, including their critical differences.

**Looking For...**

Upcoming Events | Submitting an Application | Engage & Connect

**16th Annual NIH SBIR/STTR Conference**  
 Location: Albuquerque, New Mexico  
 Day: Tue, October 21, 2014 - Thu, October 23, 2014  
 Join us to learn more about the \$70 million dollars of NIH SBIR/STTR funding available to small businesses to accelerate biomedical research discoveries into innovative technologies that improve health. Hosted by the University of New Mexico, Health Sciences Center.

**NEWS**

- New Notice: 2015 Small Business Contract Solicitation PHS 2015-1 [View](#)  
Aug 15, 2014
- One week left for the early stage registration discount for the NIH SBIR/STTR Conference [View](#)  
Aug 15, 2014
- Register Today for Health Small Business SBIR/STTR Workshop [View](#)  
Aug 15, 2014
- NIH Launches the Commercialization Assistance Program for Phase I SBIR and STTR Awards [View](#)  
Aug 15, 2014
- Top 8 NIH SBIR/STTR Application Submission Errors [View](#)  
July 1, 2014
- Save the Date for the HHS SBIR/STTR Workshop on September 22nd in Washington, DC [View](#)  
June 29, 2014
- [View more SBIR/STTR news](#)

**NIH SBIR/STTR REALIZATION IMPLEMENTATION**

**REPORT FRAUD, WASTE AND ABUSE**

**FREQUENTLY ASKED QUESTIONS**

**SBIR IMPACT BIO AND HEALTH TECHNOLOGY**

NIH Small Business Innovation Research (SBIR) Small Business Technology Transfer (STTR)

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FREQUENTLY ASKED QUESTIONS

### SBIR/STTR Application Process Infographic

Use this interactive chart that contains helpful information to guide you through the NIH SBIR/STTR application process. Click through the chart for answers to your related questions.

**START THE SBIR/STTR APPLICATION PROCESS INFOGRAPHIC**

Develop an Innovative Research Idea

Confirm Your Small Business Concern Meets Eligibility Requirements

File Required Registrations (Overview)

Submit Your SBIR/STTR Grant Application to NIH Electronically

Funding Decisions and Awards are Made

SBIR Omnibus (PA-14-071)

STTR Omnibus (PA-14-072)

Targeted SBIR/STTR FOAs

NIH Center for Scientific Review Evaluates Your Grant

NIH Small Business Innovation Research (SBIR) Small Business Technology Transfer (STTR)

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### SBIR/STTR Funding

Each year NIH issues an SBIR and an STTR Omnibus grant solicitation for researcher-initiated projects that are within NIH's mission. The 2014 Priority research areas for the US Department of Health and Human Service, participating NIH Institutes and Centers (IC), Centers for Disease Control, and the Administration for Children and Families (ACF). You may also a "Core" Centers that have ongoing program priorities with your research topic. If program official to gauge their interest.

NIH's Institutes and Centers also issue targeted funding opportunity among NIH SBIR contract. Find out more about the different NIH funding opportunities.

#### Funding Opportunities for U.S. Small Businesses

If your small business concern (SBC) decides to apply, please use the SF-424 (R&R) SBIR/STTR Form. See (FORMS.C) for step-by-step.

Both grant and contract applications require separate forms or appendices often based on how you answer specific questions throughout the application. These forms or appendices in your grant application package that you download here.

#### 2014 SBIR and STTR Omnibus Grant Solicitations of the NIH, CDC, FDA and ACF

- SBIR Omnibus Funding Opportunity Announcement (PA-14-071)
- STTR Omnibus Funding Opportunity Announcement (PA-14-072)
- Program Descriptions and Research Topics and Appendices A (SBA approval topics for budget review)
- NIH SBIR/STTR Grant Forms

Standard Receipt Dates:

- April 5
- August 5
- December 5

NIH SBIR Direct to Phase II Pilot Solicitations

FAIR-14-088  
FAIR-14-363 (NIH/DC only)  
NFA-HD-15-012 (NIH/DC only)  
NFA-HD-14-049 (NIH/DC and NIDDK only)

FAIR-14-088, FAIR-14-263  
Standard Receipt Dates:  
April 5  
August 5  
December 5

NIH and AICIS-Related Receipt Dates:  
May 7  
September 7  
January 7 (except January 9, 2017)

NFA-HD-15-012  
August 25, 2014  
NFA-HD-14-049  
November 14, 2014

#### Special Funding Opportunities and Announcements

See individual announcements

Receipt dates vary  
See individual announcements for dates.

#### SBIR Phase I, Fast-Track, Direct to Phase II Contract Solicitation PWS 2015-1-070/174

Contract Proposal Forms

Closing Date: November 5, 2014, 4:30PM Eastern Time  
Solicitation Open







































































































































































































