

Invest in 
America



Guide to Federal Incentives and Programs Available to Investors

2011

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The information found in this guide is current as of March 2011. It is intended as a guide to Federal level resources available for investors in the United States. Full program information can be found at the website provided in each summary.

General Grant and Investment Assistance Programs

1. Invest in America

Department of Commerce

Invest in America

Sector: All

What: *Invest in America* is the primary U.S. Government mechanism to manage foreign direct investment promotion. *Invest in America* is a program of the International Trade Administration at the Department of Commerce. Efforts are focused on outreach to foreign governments and investors, support for state governments' investment promotion efforts, and addressing business climate concerns by serving as ombudsman in Washington for the international investment community. *Invest in America* focuses on outreach to foreign governments and investors to promote the United States as the best market for investment in the world and address business climate concerns that may impede investment.

Who: All investors are invited to utilize the resources on the *Invest in America* website (<http://www.investamerica.gov/>) and to contact us with their inquiries and ombudsman concerns.

How: *IIA* welcomes all inquiries from investors who want to learn more about investing in the United States. Invest in America provides information about the United States economy as a whole, assists in making contacts with appropriate federal and state agencies, and helps investors learn more about U.S. policies and investment procedures.

Details: *IIA* is a federal complement to existing U.S. state and local efforts to promote inward investment and remains neutral in any competition. In the United States, local and state entities facilitate individual foreign investment transactions while offering the tailored services investors need to complete a successful investment. Invest in America works with each of the fifty states, the District of Columbia, and U.S. territories to connect potential investors with U.S. investment officials. Invest in America also maintains individual state contacts designated by each governor to answer international investment inquiries.

Website: <http://www.investamerica.gov>

Contact Information:

Aaron Brickman

Director

202-482-5199

aaron.brickman@trade.gov

2. Grants.gov

U.S. Government
Sector: All

What: Grants.gov is your source to find and apply for federal grants. Grants.gov is a central storehouse for information on grants from multiple federal agencies.

Who: Government organizations, educational organizations, public housing organizations, non-profit organizations, small businesses, other for-profit organizations, and individuals.

Award: Grants.gov lists over 1,000 grant programs and provides access to approximately \$500 billion dollars in annual awards.

How: Visit grants.gov to search for and apply for grants from a wide variety of industries and sectors.

Website: <http://www.grants.gov/>

Contact Information:

Grants Program Management Office
1-800-518-4726
support@grants.gov

3. Startup America

Multiple Agencies
Sector: All

What: “Startup America” is a White House initiative to accelerate high-growth entrepreneurship throughout the nation. This coordinated public/private effort brings the country’s most innovative entrepreneurs, corporations, universities, foundations, and other leaders together with a wide range of federal agencies to increase the prevalence and success of America’s entrepreneurs.

Who: Companies located in underserved communities and early-stage companies.

Award: The Small Business Administration (SBA) will commit \$2 billion as a match to private sector investment over the next five years in promising high-growth companies. SBA-guaranteed bonds will match private capital raised by privately-owned and managed investment funds.

When: Ongoing effort.

How: Visit the Startup America website, given below.

Website: <http://www.startupamericapartnership.org/>

Contact Information:

info@startupamericapartnership.org

4. Foreign Trade Zone Boards

Department of Commerce
Import Administration
Sector: All

What: A foreign-trade zone is a designated location in the United States where companies can use special procedures that help encourage U.S. activity and value added – in competition with foreign alternatives – by allowing delayed or reduced duty payments on foreign merchandise, as well as other savings.

Who: Applications for new foreign-trade zones are made by a public or public-type corporation (this could include port authorities, cities, counties, economic development organizations or others).

Benefits:

(1) Duty Exemption: No duties on or quota charges on re-exports.

(2) Duty Deferral: Customs duties and federal excise tax deferred on imports.

(3) Inverted Tariff: In situations where zone manufacturing results in a finished product that has a lower duty rate than the rates on foreign inputs (inverted tariff), the finished products may be entered at the duty rate that applies to its condition as it leaves the zone -- subject to public interest considerations.

(4) Logistical Benefits: Companies using FTZ procedures may have access to streamlined customs procedures

(5) Other Benefits: Foreign goods and domestic goods held for export are exempt from state/local inventory taxes. FTZ status may also make a site eligible for state/local benefits which are unrelated to the FTZ Act.

How: An overview of application process can be found here: <http://ia.ita.doc.gov/ftzpage/info/process.html>. The application can be found here: <http://ia.ita.doc.gov/ftzpage/applications.html>.

Website: <http://www.trade.gov/ftz>

Contact Information:

Liz Whiteman

202-482-0473

Elizabeth.Whiteman@trade.gov

5. Export.gov

Multiple Agencies

Sector: All

What: Export.gov brings together resources from across the U.S. Government to assist firms in the U.S. with planning their international sales strategies and succeeding in today's global marketplace. Export.gov was created to provide better customer service for businesses interacting with the Federal Government. The U.S. Department of Commerce's International Trade Administration manages Export.gov as a collaborative effort with the 19 Federal Agencies that offer export assistance programs and services.

Who: Any firm seeking to export from the United States.

Benefits: From market research and trade leads from the U.S. Department of Commerce's Commercial Service to export finance information from Export-Import Bank and the Small Business Administration to agricultural export assistance from USDA, Export.gov helps American exporters navigate the international sales process and avoid pitfalls such as non-payment and intellectual property misappropriation.

How: To access export assistance opportunities, visit the website listed below.

Website: <http://www.export.gov/index.asp>

Contact Information:

Trade Information Center

1-800-872-8723

tic@trade.gov

6. U.S. Export Assistance Centers (USEACs)

Small Business Administration, Export-Import Bank, Department of Commerce

Incentive Type: Training

Sector: All, Small Business

What: U.S. Export Assistance Centers (USEACs) provide front-line outreach and service operations for U.S. exporters. There are International Trade specialists based in more than 100 USEACs located across the United States and Puerto Rico. The centers assist U.S. businesses that are new to exporting, want to expand to additional export markets, or want to increase their market share in existing markets. Each U.S. Export Assistance Center is staffed by professionals from the SBA, the U.S. Department of Commerce, the U.S. Export-Import Bank, and other public and private organizations. Together, their mission is to provide the help you need to compete in today's global marketplace.

Who: Any business exporting goods produced in the United States.

Benefits: USEACs provide trade counseling, market intelligence and business matchmaking for U.S. business commercial diplomacy. In addition, USEACs help U.S. exporters develop trade finance and insurance strategies that align with the clients' particular business objectives and help them complete export transactions. USEACs also connect local U.S. companies with additional international trade resources. USEACs work closely with the Small Business Administration (SBA) and the U.S. Export Import Bank (ExIm Bank) to counsel clients on export finance options. There are SBA officials in 20 USEACs, and ExIm Bank officials at six USEACs, working in tandem with DOC trade specialists. USEACs also organize, recruit and execute U.S. trade missions to foreign markets, and support reverse trade missions of foreign buyers to the United States.

How: To locate a local Export Assistance Center, visit this website: <http://www.export.gov/eac/>

Website: <http://www.sba.gov/content/us-export-assistance-centers>

Contact Information:

Regional Contacts

<http://www.sba.gov/content/us-export-assistance-centers>

7. EB-5 Visa for Immigrant Investors

Department of Homeland Security (DHS)
U.S. Citizenship and Immigration Services
Sector: All

What: EB-5 is a visa preference category that is available to immigrants seeking to enter the United States in order to invest in a new commercial enterprise that will benefit the U.S. economy and create at least 10 full-time jobs. There are two ways to invest which you may use within the EB-5 category and they are: creating a new commercial enterprise or investing in a troubled business.

Who: Applicants must invest at least \$500,000 into the U.S. and create at least 10 full-time jobs to qualify. For specific eligibility requirements, please visit the website listed below.

How: Acquiring lawful permanent residence (“Green Card”) through the EB-5 category is a three step self-petitioning process. This process involves several types of forms, for more information visit the website listed below.

Details: The EB-5 Visa for Immigrant Investors is a program for investors that plan to reside in the United States to manage their investments. In order to qualify, investors must reach or surpass predetermined benchmarks for their investments. For general purposes, the investment must amount to at least 1,000,000 USD and create a minimum of 10 jobs. However, there are a number of areas that have been designated Target Employment Areas (TEAs), defined as areas with unemployment levels above 150 percent of the national average, or below 200,000 in population, that only require an investment of 500,000 USD. To further research the EB-5 program or access the required forms, visit the website listed below.

Website:

<http://www.uscis.gov/portal/site/uscis/menuitem.eb1d4c2a3e5b9ac89243c6a7543f6d1a/?vgnnextoid=facb83453d4a3210VgnVCM100000b92ca60aRCRD&vgnnextchannel=facb83453d4a3210VgnVCM100000b92ca60aRCRD>

Contact Information:

Department of Homeland Security
1-800-375-5283
<http://www.dhs.gov/index.shtm>

Agriculture

Executive Summary

Program	Department	Type	Award	Contact
Environmental Quality Incentive Program (EQIP)	Department of Agriculture	Grant	Up to \$450,000	Alan Forkey alan.forkey@ca.usda.gov
Specialty Crop Research Initiative	Department of Agriculture	Grant	\$50,000-\$10,000,000	Tom Bewick tbewick@nifa.usda.gov
Pest Management Alternatives Program	Department of Agriculture	Grant	Up to \$200,000	Monte Johnson mpjohnson@nifa.usda.gov
Plant Feedstock Genomics for Bioenergy	Department of Agriculture	Grant	\$200,000-\$500,000	Ed Kaleikau ekaleikau@nifa.usda.gov
Agriculture and Food Reseach Initiative (AFRI)	Department of Agriculture Department of Energy	Grant	Up to \$500,000	Dr. Frank Boteler AFRI@nifa.usda.gov
Biotechnology Risk Assessment Research Grants Program	Department of Agriculture	Grant	\$50,000 to \$1,000,000	Shing Kwok skwok@nifa.usda.gov

8. Environmental Quality Incentives Program (EQIP)

Department of Agriculture
Natural Resources Conservation Service
Incentive Type: Grant
Sector: Environment

***** Application deadline for 2011 has passed. *****

*****New funding opportunities will be listed on website as they become available. *****

What: The Environmental Quality Incentives Program (EQIP) is a voluntary conservation program for farmers and ranchers that offers financial and technical help to assist eligible participants install or implement structural and management practices on eligible agricultural land. These contracts provide financial assistance to implement conservation practices.

Who: Owners of land in agricultural production or persons who are engaged in livestock or agricultural production on eligible land may participate in the EQIP program.

Award: The maximum payment is \$450,000 over a six-year period.

How: Access this webpage (http://www.nrcs.usda.gov/programs/eqip/EQIP_signup/index.html) and click on the appropriate state. It will take you to that State's Programs home page, which will link to that State's EQIP page. Each State's EQIP page includes application ranking criteria, priority resource concerns, lists of eligible practices, payment rates, and information about where you can submit applications.

When: Applications are accepted on a continual basis. NRCS has been authorized to disburse up to \$50 million to farmers who submit successful proposals before March 4, 2011.

Website: <http://www.nrcs.usda.gov/programs/eqip/>

Contact Information:

Alan Forkey
Acting EQIP Program Manager
202-690-2621, Fax: 202-720-6559
alan.forkey@ca.usda.gov

9. Specialty Crop Research Initiative

Department of Agriculture
Cooperative State Research, Education, and Extension Service (CSREES)
Incentive Type: Grant
Sector: Agriculture

***** Application deadline for 2011 has passed. *****

*****New funding opportunities will be listed on website as they become available. *****

What: The Specialty Crop Research Initiative (SCRI) was established to solve critical industry issues through research and extension activities. Specialty crops are defined as fruits and vegetables, tree nuts, dried fruits, and horticulture and nursery crops, including floriculture. SCRI will give priority to projects that are multistate, multi-institutional, or trans-disciplinary; and include explicit mechanisms to communicate results to producers and the public.

Who: Applications may be submitted by Federal agencies, national laboratories, colleges and universities, research institutions and organizations, private organizations or corporations, State agricultural experiment stations, individuals, or groups consisting of 2 or more of these entities.

Award: The total amount of funding for FY2011 was \$47.3 million dollars. Individual awards vary from \$50,000 to a maximum of \$10,000,000.

When: The deadline for 2011 funding was January 31, 2011. Details for FY2012 have not yet been released. The opening date for 2011 funding was October 29, 2010.

How: The application may be found here: <http://www.csrees.usda.gov/fo/specialtycropresearchinitiative.cfm>. Prospective applicants are asked to email a notification of intent to submit an application.

Details: Projects must address at least one of five focus areas: research in plant breeding, genetics, and genomics to improve crop characteristics; efforts to identify and address threats from pests and diseases, including threats to specialty crop pollinators; efforts to improve production efficiency, productivity, and profitability over the long term; new innovations and technology, including improved mechanization and technologies that delay or inhibit ripening; and methods to prevent, detect, monitor, control, and respond to potential food safety hazards in the production and processing of specialty crops.

Website: <http://www.csrees.usda.gov/fo/specialtycropresearchinitiative.cfm>

Contact Information:

Tom Bewick
National Program Leader
202-401-3356
tbewick@nifa.usda.gov

10. Pest Management Alternatives Program

Department of Agriculture

Incentive Type: Grant

Sector: Agriculture

***** Application deadline for 2011 has passed. *****

*****New funding opportunities will be listed on website as they become available. *****

What: The purpose of Pest Management Alternatives Program (PMAP) is to provide support for the development and implementation of integrated pest management (IPM) practices, tactics, and systems for specific pest problems while reducing human and environmental risks.

Who: Applications may be submitted by State agricultural experiment stations, all colleges and universities, other research institutions and organizations, Federal agencies, private organizations or corporations, and individuals. While their collaboration is encouraged, scientists affiliated with non-United States organizations are not eligible to serve as Program Directors for PMAP funded projects.

Award: The total amount of funding for FY2011 was \$1.4 million. Individual awards may be up to \$200,000.

When: The opening date for solicitations was January 11, 2011. The closing date for applications is March 3, 2011.

How: Applications must be made through grants.gov. The CFDA number is: 10.200 Grants for Agricultural Research, Special Research Grants

Website: <http://www.csrees.usda.gov/fo/pestmanagementalternatives.cfm>

Contact Information:

Monte Johnson

National Program Leader

202-401-1108

mpjohnson@nifa.usda.gov

11. Plant Feedstock Genomics for Bioenergy

Department of Agriculture and Department of Energy
Cooperative State Research, Education, and Extension Service (CSREES)

Incentive Type: Grant

Sector: Agriculture

***** Application deadline for 2011 has passed. *****

*****New funding opportunities will be listed on website as they become available. *****

What: To support genomics-based research that will lead to the improved use of biomass and plant feed stocks for the production of fuels such as ethanol or renewable chemical feedstock.

Who: State agricultural experiment stations, all colleges and universities, other research institutions and organizations, Federal agencies, national laboratories, private organizations or corporations, and individuals are eligible to apply for and to receive a competitive grant. See the RFA for specific eligibility requirements, visit this website: <http://www.science.doe.gov/grants/pdf/SC-FOA-0000417.pdf>.

Award: The total amount of funding for FY2011 was \$6 million. Individual awards vary from \$200,000 to \$500,000.

When: The opening date for solicitations was November 1, 2010. The closing date for applications was February 25, 2011.

How: Applications must be made through grants.gov. The CFDA number is: 10.310 - Agriculture and Food Research Initiative

Website: <http://www.csrees.usda.gov/fo/plantfeedstockgenomicsforbioenergy.cfm>

Contact Information:

Ed Kaleikau

National Program Leader

202-401-1931

ekaleikau@nifa.usda.gov

12. Agriculture and Food Research Initiative (AFRI)

Department of Agriculture and Department of Energy
Cooperative State Research, Education, and Extension Service (CSREES)
Incentive Type: Grant
Sector: Agriculture

What: The purpose of AFRI is to support research, education, and extension work by awarding grants that address key problems of national, regional, and multi-state importance in sustaining all components of agriculture. The focus areas for FY2011 are: (1) Childhood Obesity Prevention, (2) Climate Change (3) Food Safety (4) Global Food Security (5) Sustainable Bioenergy

Who: State agricultural experiment stations, all colleges and universities, other research institutions and organizations, Federal agencies, national laboratories, private organizations or corporations, and individuals are eligible to apply for and to receive a competitive grant. See the Request for Application (RFA) for specific eligibility requirements, which can be found on the website below.

Award: The total amount of funding for FY2011 varies by program. The plant health program, as an example, has \$23 million in available funds. Individual awards range up to \$500,000, depending on the project.

When: The opening dates, letter of intent deadlines, and application deadlines vary by project. The list of projects and relevant deadlines can be found here:

http://www.nifa.usda.gov/funding/afri/afri_program_deadline_dates.html. Closing dates for FY2011 range from March 23, 2011 to June 8, 2011.

How: A letter of intent is required before the application is submitted. The email address for the letter of intent depends on the subproject; information on subprojects can be viewed at the website below. Applications must ultimately be sent through grants.gov.

Details: Each category of project has specific requirements and a specific program contact. Please view the relevant RFA for more information

Website: <http://www.nifa.usda.gov/funding/rfas/afri.html>

Contact Information:

AFRI Program Office:

Dr. Frank Boteler, Assistant Director

Dr. Deborah Sheely, Assistant Director

(202) 401-5022

AFRI@nifa.usda.gov

13. NIFA Biotechnology Risk Assessment Research Grants Program

Department of Agriculture
National Institute of Food and Agriculture
Incentive Type: Grant
Sector: Agriculture

***** Application deadline for 2011 has passed. *****

*****New funding opportunities will be listed on website as they become available. *****

What: The purpose of the BRAG program is to support the generation of new information that will assist Federal regulatory agencies in making science-based decisions about the effects of introducing into the environment genetically engineered organisms (GE), including plants, microorganisms (including fungi, bacteria, and viruses), arthropods, fish, birds, mammals and other animals excluding humans. Investigations of effects on both managed and natural environments are relevant. The BRAG program accomplishes its purpose by providing Federal regulatory agencies with scientific information relevant to regulatory issues. See RFA for details.

Who: Most organization are eligible to apply. Applications may be submitted by any United States public or private research or educational institution or organization. Award recipients may subcontract to organizations not eligible to apply provided such organizations are necessary for the conduct of the project. A complete list of eligible entities can be found at this website: <http://www.nifa.usda.gov/fo/biotechnologyriskassessment.cfm>

Award: Individual awards range from \$50,000 to \$1,000,000. Total program funding for FY 2011 is \$5,000,000.00.

When: The program was announced on November 19, 2010. The FY2011 closing date for this program was March 2, 2011.

How: Electronic applications can be submitted here:

<http://www.grants.gov/search/search.do;jsessionid=FS9kMm7cRGSGX0FvvMvrSBnYT19LPjsLNRppyxW6khLn nJv8S5yc!-542071253?oppId=58827&mode=VIEW>

Website: http://www.nifa.usda.gov/funding/rfas/biotech_risk.html

Contact Information:

Shing F Kwok
National Program Leader
202-401-6060
skwok@nifa.usda.gov

Education/Research

14. Industry/University Cooperative Research Centers Program (I/UCRC)

National Science Foundation
Directorate for Engineering (ENG)
Incentive Type: Grant
Sector: R&D, Various

What: The Industry/University Cooperative Research Centers (I/UCRC) program develops long-term partnerships among industry, academia, and government. The centers are catalyzed by a small investment from the National Science Foundation (NSF) and are primarily supported by industry center members, with NSF taking a supporting role in the development and evolution of the center. Each center is established to conduct research that is of interest to both the industry members and the center faculty.

Who: Eligibility varies by type of project. More information can be found here:
<http://www.nsf.gov/pubs/2010/nsf10595/nsf10595.htm#elig>.

Award: Total funding for this program for FY2011 is \$10,000,000. Proposals may receive up to \$80,000 annually.

When: The letter of intent deadline is June 26, 2011. The deadline for a full proposal is September 26, 2011.

How: A letter of intent is required before the application is submitted. Details on how to submit an application can be found here: <http://www.nsf.gov/pubs/2010/nsf10595/nsf10595.htm#prep>.

Website: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5501&org=IIP&from=home

Contact Information:

Rathindra DasGupta
703-292-8353
rdasgupt@nsf.gov
Rita Rodriguez
703-292-8950
rrodriqu@nsf.org

15. Grant Opportunities for Academic Liaison with Industry (GOALI)

National Science Foundation
Office of International Science and Engineering
Incentive Type: Grant
Sector: R&D, Various

What: Grant Opportunities for Academic Liaison with Industry (GOALI) promotes university-industry partnerships by making project funds or fellowships/traineeships available to support an eclectic mix of industry-university linkages. This solicitation targets high-risk/high-gain research with a focus on fundamental research, new approaches to solving generic problems, development of innovative collaborative industry-university educational programs, and direct transfer of new knowledge between academe and industry. GOALI seeks to fund transformative research that lies beyond that which industry would normally fund. International collaborations that strengthen proposed project activities are encouraged, when there is an opportunity for coordinated funding with colleagues from foreign institutions who will add value to the project.

Who: Collaborations with foreign companies must be justified by significant benefits to the U.S. research and education enterprise, and overall benefits for U.S. For fellowships/traineeships, only U.S. citizens, nationals, or permanent residents are eligible to apply for support under this program.

Award: The program has \$10,000,000 in total funding in FY2011, and will award 60 to 80 grants.

When: Proposals accepted anytime. Check with the program officer in the specific field of the proposed research for acceptable submission periods.

How: Proposals submitted in response to this program solicitation should be prepared and submitted in accordance with the guidelines specified in the NSF Grant Proposal Guide (GPG). The complete text of the GPG is available electronically on the NSF website at: http://www.nsf.gov/publications/pub_summ.jsp?ods_key=gpg.

Website: <http://www.nsf.gov/pubs/2009/nsf09516/nsf09516.htm#elig>

Contact Information

Donald Senich
GOALI Solicitation Coordinator
703-292-7082
dsenich@nsf.gov

Energy

Executive Summary

Program	Department	Type	Award	Contact
DOE Loan Guarantee Program	Department of Energy	Loan Guarantee	Up to 80% of Loan	lprogram@hq.doe.gov
Advanced Technology Vehicle Manufacturing (ATVM) Loan Program	Department of Energy	Direct Loan	\$50 million to \$6 billion	atvmloan@hq.doe.gov
Business Energy Investment Tax Credit (ITC)	Department of Treasury	Tax Credit	Up to \$1500 credit per 0.5 kW	http://www.irs.gov
Renewable Electricity Production Tax Credit (PTC)	Department of Treasury	Tax Credit	1.1-2.2¢/kWh	http://www.irs.gov
Miscellaneous Energy Production Tax Credits	Department of Treasury	Tax Credit	Varies	http://www.irs.gov
Renewable Energy Grants	Department of Treasury	Grant	\$1,500 per 0.5 kW	http://www.irs.gov
ARPA-E Funding Opportunities	Department of Energy	Grant	\$500,000-\$2,000,000	HARPA-E@hq.doe.gov
Solicitations for Business, Industry, and Universities	Department of Energy	Grant	Varies	eereic@ee.doc.gov
DOE Unsolicited Proposals	Department of Energy	Grant	Not specific	John Augustine doeusp@netl.doe.gov
Ultra-Deepwater and Unconventional Natural Gas and Other Petroleum Resources Program	Department of Energy	Grant	80% of Project cost	Gary Covatch gary.covatch@netl.doe.gov
Wind and Water Power Solicitations	Department of Energy	Grant	Varies	eereic@ee.doe.gov
National Energy Technology Laboratory (NETL) Funding Opportunities	Department of Energy	Grant	Up to \$120 million	800-553-7681

16. Department of Energy (DOE) Loan Guarantee Program

Department of Energy
Incentive Type: Grant
Sector: Energy

What: The U.S. Department of Energy's Loan Guarantee Program allows the Federal Government to share some of the financial risks of projects that employ new technologies that are not yet supported in the commercial marketplace or where private investment has been inhibited. Loan programs may fall under Section 1703 (http://lpo.energy.gov/?page_id=39) or Section 1705 (http://lpo.energy.gov/?page_id=41).

Who: The program focuses on projects with total costs of over \$25 million. The project must be located within the United States and must commence before September 30, 2011.

Award: Guarantees up to 80% of the loan.

When: The program was enacted in 2005 and has been reauthorized through the American Reinvestment and Recovery Act (ARRA).

How: The application may be found here:

<https://apply.loanprograms.energy.gov/doe/common/Pages/welcome.aspx>. Advice on how to submit a strong application can be found here:

http://www.energy.gov/recovery/documents/LGPO_Application_Suggestions_FINAL.pdf

Website: <http://www.lgprogram.energy.gov/>

Contact Information:

Department of Energy – Loan Guarantee Program
202-586-8336
lprogram@hq.doe.gov

17. Advanced Technology Vehicle Manufacturing (ATVM) Loan Program

Department of Energy

Incentive Type: Direct Loan

Sector: Energy

What: The ATVM Loan Program provides loans to automobile and automobile parts manufacturers for the cost of reequipping, expanding, or establishing manufacturing facilities in the United States to produce advanced technology vehicles or qualified components, and for associated engineering integration costs.

Who: The project for which funding is sought must be performed in the United States. Also, the advanced technology vehicle to which that project is related must be sold in the United States.

Award: Total funding for the program is \$25 billion dollars. Previous awards to individual manufacturers have ranged from \$50 million to \$5.9 billion dollars.

When: Ongoing.

How: An explanation of the application process can be found here: http://lpo.energy.gov/?page_id=373.

Website: http://lpo.energy.gov/?page_id=43

Contact Information:

Department of Energy

202-586-8146

atvmloan@hq.doe.gov

18. Business Energy Investment Tax Credit (ITC)

Department of the Treasury
Internal Revenue Service
Incentive Type: Tax Credit
Sector: Energy

What: The Investment Tax Credit (ITC) reduces federal income taxes for qualified tax-paying owners based on capital investment in renewable energy projects (measured in dollars). The ITC generally allows taxpayers to take a single tax credit against the project's tax basis equal to 30% in its first year and allows a taxpayer to elect certain qualified facilities to be characterized as energy property eligible for a 10% or 30% ITC, depending on the technology.

Who: Wind, closed-loop biomass, open-loop biomass, geothermal, solar, small irrigation power, municipal solid waste, qualified hydropower production, marine & hydrokinetic renewable energy.

Award: Incentives depend on the type of energy. Fuel cells can receive a \$1500 credit per 0.5 kW.

When: System must be placed in service between December 31, 2005 and December 31, 2012. Certain geothermal and open- or closed- loop biomass systems qualify through December 31, 2013.

How: Claimed on tax returns under IRS Code. The form can be found here: <http://www.irs.gov/pub/irs-pdf/i3468.pdf>.

Website: http://www.dsireusa.org/incentives/incentive.cfm?Incentive_Code=US02F

Contact Information:

U.S. Internal Revenue Service
800-829-1040
<http://www.irs.gov>

19. Renewable Electricity Production Tax Credit (PTC)

Department of the Treasury

Internal Revenue Service

Incentive Type: Tax Credit

Sector: Energy

What: The Production Tax Credit (PTC) reduces the federal income taxes of qualified tax-paying owners of renewable energy projects based on the electrical output (measured in kilowatt-hours, or kWh) of grid-connected renewable energy facilities.

Who: Wind, closed-loop biomass, open-loop biomass, geothermal, solar, small irrigation power, municipal solid waste, qualified hydropower production, marine & hydrokinetic renewable energy. To be eligible for the credit, electricity produced from qualified energy resources at qualified facilities must be sold by the taxpayer to an unrelated person.

Award: Incentives depend on the type of energy. The tax credit varies from 1.1-2.2¢/kWh.

When: Generating assets must be located in the United States and placed in service between December 31, 1992 and December 31, 2012 (for wind) or December 31, 2013 (all others).

How: The deduction may be taken from annual tax returns.

Details: A taxpayer cannot take both an investment tax credit (ITC) and a production tax credit (PTC) for a facility that could qualify for both - they must elect to either receive an ITC or PTC for each project.

Website: http://www.irs.gov/pub/irs-access/f8835_accessible.pdf

Contact Information:

U.S. Internal Revenue Service

800-829-1040

<http://www.irs.gov>

20. Miscellaneous Energy Production Tax Credits

Department of Treasury
Internal Revenue Service
Incentive Type: Tax Credit
Sector: Energy

What: The Internal Revenue Service offers tax credits for production of several different types of energy. These include electricity produced from:

- (1) §40 – Alcohol and Cellulosic Biofuels
- (2) §40a – Biodiesel and Renewable Diesel
- (3) §45h – Low Sulfur Diesel Fuel
- (4) §45i – Oil and Gas from Marginal Wells
- (5) §45k – Nonconventional Sources
- (6) §45h – Carbon Dioxide Sequestration

Who: Eligibility varies with each tax credit. See the relevant code at the website listed below.

Benefit: Tax credits vary by type. See the relevant code (§40, 45h, §45i, §45k, or §45q) at the website listed below for more information.

How: Applied to tax returns under the applicable Internal Revenue Code. The applicable IRS forms can be found here: <http://www.irs.gov/publications/p334/ch04.html>.

The specific forms for each tax credit are as follows:

§40 – (Form 6478: <http://www.irs.gov/pub/irs-pdf/f6478.pdf>)

§40a – (Form 8864: <http://www.irs.gov/pub/irs-pdf/f8864.pdf>)

§45h – (Form 8896: <http://www.irs.gov/pub/irs-pdf/f8896.pdf>)

§45k – (Form 8907: <http://www.irs.gov/pub/irs-pdf/f8907.pdf>)

§45h – (Form 8933: <http://www.irs.gov/pub/irs-pdf/f8933.pdf>)

§45i – For more information on the oil and gas from marginal wells tax credit, visit this website:

<http://www.ipaa.org/issues/factsheets/oil/2007-03-MarginalWellTaxCreditFactSheet.pdf>.

Website:

http://www.law.cornell.edu/uscode/html/uscode26/usc_sup_01_26_10_A_20_1_30_A_40_IV_50_D.html

Contact Information:

U.S. Internal Revenue Service
800-829-4933
<http://www.irs.gov/>

21. Renewable Energy Grants

Department of the Treasury

Internal Revenue Service

Incentive Type: Grant

Sector: Energy

What: The Section 1603 Grant Program is a renewable energy grant program that is administered by the U.S. Department of Treasury. This program allows taxpayers eligible for the federal business energy investment tax credit (ITC) to take this credit *or* to receive a grant from the U.S. Treasury Department instead of taking the business ITC for new installations. The program also allows taxpayers eligible for the renewable electricity production tax credit (PTC) to receive a grant from the U.S. Treasury Department *instead of* taking the PTC for new installations. Taxpayers may *not* use more than one of these incentives.

Who: Renewable energy projects, specific information can be found here:

http://www.dsireusa.org/incentives/incentive.cfm?Incentive_Code=US53F&re=1&ee=1. A property must be placed in service in 2009, 2010, or 2011 or placed in service after 2011 but only if construction of the property began during 2009, 2010 or 2011.

Award: \$1,500 per 0.5 kW for qualified fuel cell property, \$200 per kW for qualified microturbine property, 50 MW for CHP property, with limitations for large systems. Credit termination date varies from January 1, 2013 to January 1, 2017, depending on the type of system.

When: Applications must be submitted before October 1, 2012. Applicants are eligible for the Treasury grant only if they commence construction on projects by December 31, 2011 and complete construction by December 31, 2016.

How: Application instructions can be found at the website below.

Website: <http://www.treasury.gov/initiatives/recovery/Pages/1603.aspx>

Contact Information:

U.S. Internal Revenue Service

800-829-1040

<http://www.irs.gov>

22. ARPA-E Funding Opportunities

Department of Energy
Advanced Research Projects Agency-Energy (ARPA-E)
Incentive Type: Grant
Sector: R&D

What: Advanced Research Project Agency-Energy (ARPA-E) funds projects that will develop transformational technologies that reduce America's dependence on foreign energy imports; reduce U.S. energy related emissions; improve energy efficiency across all sectors of the U.S. economy and ensure that the U.S. maintains its leadership in developing and deploying advanced energy technologies. ARPA-E will focus exclusively on high risk, high payoff concepts - technologies promising genuine transformation in the ways we generate, store and utilize energy.

Who: Recipients of ARPA-E financial assistance awards may include a full range of R&D entities. ARPA-E welcomes submissions from any type of capable technology R&D entity. A minimum of 90% of the work, as defined by total projects costs, must be performed on U.S. soil.

Award: Overall program funding was \$300 million for 2009. Individual awards vary from \$500,000 to \$20,000,000.

When: ARPA-E envisions several rounds of funding opportunities each year, contingent upon funding.

How: For current funding announcement opportunities, see the ARPA-E website, listed below.

Website: <https://arpa-e-foa.energy.gov/>

Contact Information:

Advanced Research Projects Agency - Energy
U.S. Department of Energy
ARPA-E@hq.doe.gov

23. Solicitations for Business, Industry, and Universities

Department of Energy

Office of Energy Efficiency & Renewable Energy (EERE)

Incentive Type: Grant

Sector: Energy, R&D

What: Through financial assistance, the Office of Energy Efficiency and Renewable Energy (EERE) provides funding for renewable energy and energy efficiency research and development. Financial assistance awards transfer money, property, or services to a recipient so that it can accomplish a public purpose authorized by federal statute.

Who: Eligibility varies by solicitation.

Award: Awards vary by solicitation.

When: The website listed below lists current EERE financial assistance solicitations and solicitation-related requests for business, industry and universities. Deadlines vary.

How: Information on how to apply can be found here: <http://www1.eere.energy.gov/financing/business.html>

Website: <http://www1.eere.energy.gov/financing/business.html>

Contact Information:

877-EERE-INF (877-337-3463)

eereic@ee.doc.gov

24. Department of Energy (DOE) Unsolicited Proposals

Department of Energy
National Energy Technology Laboratory (NETL)
Incentive Type: Grant
Sector: Energy

What: Organizations and individuals are encouraged to submit proposals which are relevant to the DOE’s research and development mission either in response to formal DOE solicitations or through self-generated unsolicited proposals. The predominance of DOE’s funding for research and development is awarded through competitive solicitations/announcements. An “Unsolicited Proposal” is an application for support of an idea, method or approach which is submitted by individuals, businesses and organizations solely on the proposer’s initiative, and not in response to a “formal” Government solicitation.

Who: Any individual, business, or organization.

Award: No explicit maximum/minimum caps on awards.

When: As an unsolicited proposal, there are not applicable dates or deadlines.

Award: No explicit maximum/minimum caps on awards.

How: A guide, located at <http://www.netl.doe.gov/business/usp/USPGuide.pdf>, is directed towards helping those prospective individuals, businesses, or organizations interested in submitting unsolicited proposals. It offers an overview of the unsolicited proposal process and describes the policies and procedures for the preparation and submission of an unsolicited proposal document to the DOE. All unsolicited proposals should be forwarded to John N. Augustine, who will serve as the single point of contact for all unsolicited proposals.

Website: <http://www.netl.doe.gov/business/usp/unsol.html>

Contact Information:

John N. Augustine
Unsolicited Proposal Manager
john.augustine@netl.doe.gov

25. Ultra-Deepwater and Unconventional Natural Gas and Other Petroleum Resources Program

Department of Energy
Research Partnership to Secure Energy for America (RPSEA)
Incentive Type: Grant
Sector: Energy, R&D, Oil & Gas

What: The Ultra-Deepwater and Unconventional Natural Gas and Other Petroleum Resources Program is a public/private partnership designed to increase America's domestic oil and gas supply and reduce dependency on imports. A portion of the funding is directed toward cost-shared research partnerships, while another portion will be used by NETL to carry out complementary R&D.

Who: The companies, universities, and other organizations interested in funding R&D in the following areas: (1) Ultra-deepwater architecture and technology; (2) Unconventional natural gas and other petroleum resources exploration and production technology; (3) the technology challenges of small producers; and (4) research complementary to the above conducted by the National Energy Technology Laboratory (NETL).

Award: \$356 million will be awarded over the lifetime of the program (2007-2017).

When: Solicitations for the Ultra-Deepwater Program are expected to be released in 2011. The program is funded through January 3, 2017.

How: Proposal preparation information and instructions are located at the RPSEA website (http://www.rpsea.org/req_proposals/)

Website: http://www.netl.doe.gov/technologies/oil-gas/Petroleum/projects/EP/Explor_Tech/42677RPSEA.html

Contact Information:

Gary Covatch
Project Manager Natural Gas & Oil Project Management Division
304-285-4589
gary.covatch@netl.doe.gov

26. Wind and Water Power Solicitations

Department of Energy
Energy, Efficiency, and Renewable Energy
Incentive Type: Grant
Sector: Energy, R&D

What: The Wind and Water Power Program focuses on research, development, and deployment of innovative technologies capable of generating electricity from water. The program strongly prefers to award funding for research and development activities through competitive solicitations. Specific solicitations vary. Examples include: U.S. Wind Power: Next Generation Drive-train Development, U.S. Offshore Wind: Removing Market Barriers, and U.S. Offshore Wind: Technology Development

Who: Individuals and companies pursuing research and development activities. Eligibility requirements vary by solicitation.

Award: Varies by solicitation. Specific grant proposals can be found at the website below.

When: Deadlines vary by solicitation. A letter of intent is often required prior to the closing date.

How: The link for the specific solicitation, found at the website below, will direct you to FedConnect. Applications must be filled out here.

Website: <http://www1.eere.energy.gov/windandhydro/financial.html>

Contact Information

Office of Energy Efficiency and Renewable Energy
877-337-3463
eereic@ee.doe.gov

27. National Energy Technology Laboratory (NETL) Funding Opportunities

Department of Energy

National Energy Technology Laboratory (NETL)

Incentive Type: Grant

Sector: Energy

What: NETL's project portfolio includes R&D conducted through partnerships, cooperative research and development agreements, financial assistance, and contractual arrangements with universities and the private sector. Together, these efforts focus a wealth of scientific and engineering talent on creating commercially viable solutions to national energy and environmental problems.

Who: For eligibility, please view the individual solicitations, found here:

<http://www.netl.doe.gov/business/solicitations/index.html#00461>. Please note that some solicitations are not open to foreign investors.

Award: Individual project funding ranges up to \$120 million dollars. Individual awards vary by solicitation.

When: Closing dates vary based on the project. Please visit the website, listed below, for specific deadlines.

How: Applications are ultimately submitted through FedConnect (<https://www.fedconnect.net/FedConnect/>).

Website: <http://www.netl.doe.gov/business/solicitations/index.html>

Contact Information:

National Energy Technology Laboratory

800-553-7681

Science/Technology

Executive Summary

Program	Department	Type	Award	Contact
Office of Science Grant and Contract Opportunities	Department of Energy	Grant/Contract	Varies	sc.grantsandcontracts@science.doe.gov
Technology Innovation Program (TIP)	Department of Commerce	Grant	\$10,000 - \$500,000	tip@nist.gov
Material Measurement Laboratory Grants Program	Department of Commerce	Grant	\$5,000 - \$250,000	Donna Kimball donna.kimball@nist.gov
Physical Measurement Laboratory Grants Program	Department of Commerce	Grant	\$5,000	Sheilda Bryner sheilda.bryner@nist.gov
Engineering Laboratory Grants Program	Department of Commerce	Grant	\$5,000 - \$500,000	Karen Perry karen.perry@nist.gov
Fire Research Grants Program	Department of Commerce	Grant	\$25,000-\$100,000	Wanda Duffin-Ricks wanda.duffin-ricks@nist.gov
Information Technology Laboratory Grants Program	Department of Commerce	Grant	\$10,000-\$500,000	Kamie Robert kroberts@nist.gov
NIST Center for Neutron Research Grants Program	Department of Commerce	Grant	\$25,000-\$100,000	Dan Neumann dan.neumann@nist.gov
Center for Nanoscale Science and Technology Grants and Cooperative Agreements Program	Department of Commerce	Grant	\$15,000-\$100,000	Donna Lauren donna.lauren@nist.gov
Standards Services Group Grants and Cooperative Agreements Program	Department of Commerce	Grant	\$5,000-\$25,000	Kerry Miles kerry.miles@nist.gov
Law Enforcement Standards Office Grants and Cooperative Agreements Program	Department of Commerce	Grant	\$5,000-\$250,000	Sharon Ellison sharon.ellison@nist.gov

28. Office of Science Grant and Contract Opportunities

Department of Energy
Office of Science
Incentive Type: Grant/Contract
Sector: R&D

What: The Office of Science of the Department of Energy hereby announces its continuing interest in receiving grant applications for support of work in the following program areas: Advanced Scientific Computing Research, Basic Energy Sciences, Biological and Environmental Research, Fusion Energy Sciences, High Energy Physics, Nuclear Physics, and Workforce Development for Teachers and Scientists.

Who: Colleges and universities, non-profit organizations, for-profit commercial organizations, unaffiliated individuals

Award: Awards vary by solicitation. You may view open solicitations here:
<http://science.doe.gov/grants/announcements.asp?stat=1>

When: Deadlines vary by solicitation. You may view open solicitations in the link above.

How: The Office of Science requires the submission of all financial assistance applications through Grants.gov. Pre-applications (letters of intent) are typically required before the solicitation closing date. See individual solicitations for details.

Website: <http://www.sc.doe.gov/grants/grants.html>

Contact Information:

U.S. Department of Energy
Office of Science
202-586-5430
SC.Grantsandcontracts@science.doe.gov

29. Technology Innovation Program (TIP)

Department of Commerce
National Institute of Standards and Technology (NIST)
Incentive Type: Grant
Sector: R&D

***** Application deadline for 2011 has passed. *****

*****New funding opportunities will be listed on website as they become available. *****

What: The Technology Innovation Program (TIP) supports, promotes, and accelerates innovation in the United States through high-risk, high-reward research in areas of critical national need.

Who: This merit-based competitive program can fund cost-shared R&D projects by single small-sized or medium-sized businesses and joint ventures that also may include institutions of higher education, non-profit research organizations and national laboratories.

Award: Proposals will be considered for research projects from one to five years. For FY 2011, individual awards are expected to range between \$10,000 and \$500,000. The availability of funds depends upon actual authorization of funds and other costs expected to be incurred by individual divisions within the laboratory.

When: Solicitations were posted on April 19, 2010. The application window is now closed. Check the TIP website, located here: http://www.nist.gov/tip/cur_comp/index.cfm for updates.

How: TIP funding opportunities are publicly announced in the Federal Register, at www.grants.gov, and on the TIP website. To receive notification of future TIP competitions, join the TIP email list by completing the electronic form: <http://www.nist.gov/tip/>

Details: TIP awards are limited to no more than \$3 million total over three years for a single company project and no more than \$9 million total over five years for a joint venture.

Website: <http://www.nist.gov/tip/>

Contact Information:

1-888-TIP-NIST
tip@nist.gov

30. Material Measurement Laboratory Grants Program

Department of Commerce
National Institute of Standards and Technology (NIST)
Incentive Type: Grant
Sector: R&D

What: The Material Measurement Laboratory (MML) Grants Program will provide grants and cooperative agreements consistent with the MML mission in the following fields: Analytical Chemistry, Biochemical Science, Ceramics, Chemical and Biochemical Reference Data, Materials Reliability, Metallurgy, Polymers, Surface and Microanalysis Science, and Thermophysical Properties of Materials.

Who: Open to institutions of higher education; hospitals; non-profit organizations; commercial organizations; state, local, and Indian tribal governments; foreign governments; organizations under the jurisdiction of foreign governments; and international organizations.

Award: Proposals will be considered for research projects from one to five years. For FY 2011, individual awards are expected to range between \$5,000 and \$250,000. The availability of funds depends upon actual authorization of funds and other costs expected to be incurred by individual divisions within the laboratory

When: Applications will be considered on a continuing basis for all programs listed in this notice. Applications received after June 1, 2011 may be processed and considered for funding under this solicitation in the current fiscal year or in the next fiscal year, subject to the availability of funds. Applications, paper and electronic, must be received prior to the announcement on Grants.gov of the FY 2012 solicitation for the NIST MSE Research Grants Programs in order to be processed under this solicitation.

How: You may apply through grants.gov the 2011 announcement is listed here:
<http://www.grants.gov/search/search.do?mode=VIEW&oppId=61193>.

Website: <http://www.nist.gov/director/ocfo/grants/upload/2011-mse-ffo.pdf>

Contact Information:

Ms. Donna Kimball
301-975-8300
donnakimball@nist.gov

31. Physical Measurement Laboratory Grants Program

Department of Commerce
National Institute of Standards and Technology (NIST)
Incentive Type: Grant
Sector: R&D

What: The Physical Measurement Laboratory (PML) Grants Program will provide grants and cooperative agreements consistent with the PML mission in the broad areas of mechanical metrology, semiconductors, ionizing radiation physics, medical physics, biophysics, neutron physics, atomic physics, optical technology, optoelectronics, electromagnetics, time and frequency, quantum physics, weights and measures, quantum electrical metrology, temperature, pressure, flow, far UV physics and metrology with synchrotron radiation.

Who: Open to institutions of higher education; hospitals; non-profit organizations; commercial organizations; state, local, and Indian tribal governments; foreign governments; organizations under the jurisdiction of foreign governments; and international organizations.

Award: Support is generally provided in increments of \$5,000 per award.

When: Applications will be considered on a continuing basis for all programs listed in this notice. Applications received after June 1, 2011 may be processed and considered for funding under this solicitation in the current fiscal year or in the next fiscal year, subject to the availability of funds. Applications, paper and electronic, must be received prior to the announcement on Grants.gov of the FY 2012 solicitation for the NIST MSE Research Grants Programs in order to be processed under this solicitation.

How: You may apply through grants.gov - the 2011 announcement is listed here:
<http://www.grants.gov/search/search.do?mode=VIEW&oppId=61193>.

Website: <http://www.nist.gov/director/ocfo/grants/upload/2011-mse-ffo.pdf>

Contact Information:

Sheilda Bryner
301-975-2959
sheilda.bryner@nist.gov

32. Engineering Laboratory Grants Program

Department of Commerce
National Institute of Standards and Technology (NIST)
Incentive Type: Grant
Sector: R&D

What: The Engineering Laboratory (EL) Grants Program will provide grants and cooperative agreements in the following fields of research: Machine Tool and Machining Process Metrology, Intelligent Systems, and Information Systems Integration for Applications in Manufacturing, Structures, Construction Metrology and Automation, Inorganic Materials, Polymeric Materials, HVAC & R Equipment Performance, Mechanical Systems and Controls, Heat Transfer and Alternative Energy Systems, Computer Integrated Building Processes, Indoor Air Quality and Ventilation, the National Earthquake Hazard Reduction Program, and Building Economics. Financial support may be provided for conferences, workshops, or other technical research meetings that are relevant to the mission of the Engineering Laboratory.

Who: Open to institutions of higher education; hospitals; non-profit organizations; commercial organizations; state, local, and Indian tribal governments; foreign governments; organizations under the jurisdiction of foreign governments; and international organizations.

Award: Proposals will be considered for research projects from one to five years. The amount available each year fluctuates considerably based on programmatic needs. In fiscal year 2011, individual awards are expected to range from approximately \$5,000 to \$500,000.

When: Applications will be considered on a continuing basis for all programs listed in this notice. Applications received after June 1, 2011 may be processed and considered for funding under this solicitation in the current fiscal year or in the next fiscal year, subject to the availability of funds. Applications, paper and electronic, must be received prior to the announcement on Grants.gov of the FY 2012 solicitation for the NIST MSE Research Grants Programs in order to be processed under this solicitation.

How: You may apply through grants.gov - the 2011 announcement is listed here:
<http://www.grants.gov/search/search.do?mode=VIEW&oppId=61193>.

Website: <http://www.nist.gov/director/ocfo/grants/upload/2011-mse-ffo.pdf>

Contact Information:

Karen Perry
301-975-5910
karen.perry@nist.gov

33. Fire Research Grants Program

Department of Commerce
National Institute of Standards and Technology (NIST)
Incentive Type: Grant
Sector: R&D

What: The Fire Research Grants Program will provide funding through grants and cooperative agreements to support the conduct of research or a recipient's portion of collaborative research in areas of current interest to the Building and Fire Research Laboratory. For details on current fire research activities, please see the Engineering Laboratory web site at <http://www.nist.gov/el/>. Proposals in areas of research related to the National Structural Fire Resistance Laboratory (see paragraph E. below) are a program priority for the *Fire Research Grants Program*. Financial support may be provided for conferences, workshops, or other technical research meetings that are relevant to the objectives of the Fire Research Grants Program.

Who: Open to institutions of higher education; hospitals; non-profit organizations; commercial organizations; state, local, and Indian tribal governments; foreign governments; organizations under the jurisdiction of foreign governments; and international organizations.

Award: Proposals will be considered for research projects from one to three years. For the Fire Research Grants Program, the annual budget is approximately \$1.0 to \$1.5 million. For FY 2011 most grants and cooperative agreements are in the \$25,000 to \$100,000 per year range, with a maximum requested duration of three years. In FY2010, the Fire Research Grants Program funded 5 new awards totaling \$434,660.

When: Applications received after January 30, 2011 may be processed and considered for funding under this solicitation in the current fiscal year or in the next fiscal year, subject to the availability of funds. Applications, paper and electronic, must be received prior to the announcement on Grants.gov of the FY 2012 solicitation for the NIST MSE Research Grants Programs in order to be processed under this solicitation.

How: You may apply through grants.gov - the 2011 announcement is listed here:
<http://www.grants.gov/search/search.do?mode=VIEW&oppId=61193>.

Details: For details on current fire research activities, please see the Building and Fire Research Laboratory web site at <http://www.bfrl.nist.gov>. All proposals submitted must be in accordance with the program objectives listed on the website. The appropriate Program Manager for each field of research may be contacted for clarification of the program objectives.

Website: <http://www.nist.gov/director/ocfo/grants/upload/2011-mse-ffo.pdf>

Contact Information:

Wanda Duffin-Ricks
301-975-6863
wanda.duffin-ricks@nist.gov

34. Information Technology Laboratory Grants Program

Department of Commerce

National Institute of Standards and Technology (NIST)

Incentive Type: Grant

Sector: R&D

What: The Information Technology Laboratory Grants Program will provide grants and cooperative agreements in the broad areas of mathematical and computational sciences, advanced network technologies, information access, and software testing. Financial support may be provided for conferences, workshops, or other technical research meetings that are relevant to the mission of the Information Technology Laboratory.

Who: Open to institutions of higher education; hospitals; non-profit organizations; commercial organizations; state, local, and Indian tribal governments; foreign governments; organizations under the jurisdiction of foreign governments; and international organizations.

Award: Proposals will be considered for research projects from one to five years. In fiscal year 2010, the Information Technology Laboratory funded 25 new awards, totaling \$3.9M. The availability of funds depends upon actual authorization of funds and other costs expected to be incurred by the individual divisions. The amount available each year fluctuates considerably based on programmatic needs. For FY 2011 individual awards are expected to range between \$10,000 and \$500,000.

When: Applications will be considered on a continuing basis for all programs listed in this notice. Applications received after June 1, 2011 may be processed and considered for funding under this solicitation in the current fiscal year or in the next fiscal year, subject to the availability of funds. Applications, paper and electronic, must be received prior to the announcement on Grants.gov of the FY 2012 solicitation for the NIST MSE Research Grants Programs in order to be processed under this solicitation.

How: You may apply through grants.gov - the 2011 announcement is listed here:
<http://www.grants.gov/search/search.do?mode=VIEW&oppId=61193>.

Details: For details on these various activities, please see the Information Technology Laboratory web site at <http://www.itl.nist.gov>.

Website: <http://www.nist.gov/director/ocfo/grants/upload/2011-mse-ffo.pdf>

Contact Information:

Kamie Roberts

301-975-2901

kroberts@nist.gov

35. NIST Center for Neutron Research Grants Program

Department of Commerce
National Institute of Standards and Technology (NIST)
Incentive Type: Grant
Sector: R&D

What: The NIST Center for Neutron Research (NCNR) Grants Program will provide grants and cooperative agreements for research involving neutron scattering and the development of innovative technologies that advance the state-of-the-art in neutron research. Financial support may be provided for conferences, workshops, or other technical research meetings that are relevant to the mission of the NIST Center for Neutron Research.

Who: Open to institutions of higher education; hospitals; non-profit organizations; commercial organizations; state, local, and Indian tribal governments; foreign governments; organizations under the jurisdiction of foreign governments; and international organizations.

Award: The NCNR Grants Program will consider proposals lasting from one to five years. In fiscal year 2010, the NCNR Grants Program made four awards in the amount of \$177,900. In fiscal year 2011, the Program anticipates funding of approximately \$300,000, including new awards and continuing projects. For FY 2011 individual awards are expected to range from approximately \$25,000 to \$100,000 per year.

When: Applications will be considered on a continuing basis for all programs listed in this notice. Applications received after June 1, 2011 may be processed and considered for funding under this solicitation in the current fiscal year or in the next fiscal year, subject to the availability of funds. Applications, paper and electronic, must be received prior to the announcement on Grants.gov of the FY 2012 solicitation for the NIST MSE Research Grants Programs in order to be processed under this solicitation.

How: You may apply through grants.gov - the 2011 announcement is listed here:
<http://www.grants.gov/search/search.do?mode=VIEW&oppId=61193>.

Details: All proposals submitted to the NCNR Grants Program must be in accordance with the program objectives. These are to create novel approaches to advance high resolution cold and thermal neutron scattering research; to develop new applications of neutron scattering to physics, chemistry, and macromolecular and materials research; and to support the development of innovative technologies relevant to neutron research, including, for example, high resolution two-dimensional neutron detectors, neutron monochromators, and neutron focusing and polarizing devices..

Website: <http://www.nist.gov/director/ocfo/grants/upload/2011-mse-ffo.pdf>

Contact Information:

Dr. Dan Neumann
301-975-5252
dan.neumann@nist.gov

36. Center for Nanoscale Science and Technology Grants and Cooperative Agreements Program

Department of Commerce
National Institute of Standards and Technology (NIST)
Incentive Type: Grant
Sector: R&D

What: The Center for Nanoscale Science and Technology (CNST) Grants and Cooperative Agreements Program will offer financial assistance in the field of nanotechnology specifically aimed at developing essential measurement methods, instrumentation, and standards to support nanotechnology development, from discovery to production, conducting collaborative research with NIST scientists including research at the CNST Nanofab, a national facility for nanofabrication and measurement, and assisting visiting researchers at the CNST. Financial support may be provided for conferences, workshops, or other technical research meetings that are relevant to the mission of the CNST.

Who: Open to institutions of higher education; hospitals; non-profit organizations; commercial organizations; state, local, and Indian tribal governments; foreign governments; organizations under the jurisdiction of foreign governments; and international organizations.

Award: Proposals will be considered for research projects from one to five years. In fiscal year 2010, the CNST Grants and Cooperative Agreements Program made 5 new awards. In fiscal year 2011, the CNST Grants Program anticipates funding of approximately \$3,000,000, which includes both new awards and additional funding for multi-year grants awarded in prior years. For FY 2011 individual awards are expected to range from approximately \$15,000 to 100,000 per year.

When: Applications will be considered on a continuing basis for all programs listed in this notice. Applications received after June 1, 2011 may be processed and considered for funding under this solicitation in the current fiscal year or in the next fiscal year, subject to the availability of funds. Applications, paper and electronic, must be received prior to the announcement on Grants.gov of the FY 2012 solicitation for the NIST MSE Research Grants Programs in order to be processed under this solicitation.

How: You may apply through grants.gov - the 2011 announcement is listed here:
<http://www.grants.gov/search/search.do?mode=VIEW&oppId=61193>

Website: <http://www.nist.gov/director/ocfo/grants/upload/2011-mse-ffo.pdf>

Contact Information:

Donna Lauren
301-975-3729
donna.lauren@nist.gov

37. Standards Services Group Grants and Cooperative Agreements Program

Department of Commerce
National Institute of Standards and Technology (NIST)
Incentive Type: Grant
Sector: R&D

What: The Standards Services Group (SSG) Grants and Cooperative Agreements Program will provide grants and cooperative agreements in the broad areas of documentary standards and conformity assessment. Specific objectives of interest in these areas include: evaluation of the impact of documentary standards on U.S. competitiveness and innovation as well as on topics related to health, safety and the environment as well as support for specific standards related activities, including development of web-based information systems.

Who: Open to institutions of higher education; hospitals; non-profit organizations; commercial organizations; state, local, and Indian tribal governments; foreign governments; organizations under the jurisdiction of foreign governments; and international organizations.

Award: Proposals will be considered for research projects with duration of one to three years. The amount available each year fluctuates considerably based on programmatic needs. For FY 2011 individual awards are expected to range between \$5,000 and \$25,000.

When: Applications will be considered on a continuing basis for all programs listed in this notice. Applications received after June 1, 2011 may be processed and considered for funding under this solicitation in the current fiscal year or in the next fiscal year, subject to the availability of funds. Applications, paper and electronic, must be received prior to the announcement on Grants.gov of the FY 2012 solicitation for the NIST MSE Research Grants Programs in order to be processed under this solicitation.

How: You may apply through grants.gov, the 2011 announcement is listed here:
<http://www.grants.gov/search/search.do?mode=VIEW&oppId=61193>

Details: For details on these various activities please see the SSG web site at:
<http://gsi.nist.gov/global/index.cfm/L1-1>. Financial support may be provided for conferences, workshops, or other technical research meetings that are relevant to the mission of SSG.

Website: <http://www.nist.gov/director/ocfo/grants/upload/2011-mse-ffo.pdf>

Contact Information:

Kerry Miles
kerry.miles@nist.gov

38. Law Enforcement Standards Office Grants and Cooperative Agreements Program

Department of Commerce
National Institute of Standards and Technology (NIST)
Incentive Type: Grant
Sector: R&D

What: The Law Enforcement Standards Office (OLES) Grants Program will provide grants and cooperative agreements consistent with the OLES mission in the following broad fields of research: protective systems; detection enforcement, and inspection technologies; forensic sciences; public safety communication; and counterterrorism and response technologies. Financial support may be provided for conferences, workshops, or other technical research meetings that are relevant to the mission of the OLES.

Who: Open to institutions of higher education; hospitals; non-profit organizations; commercial organizations; state, local, and Indian tribal governments; foreign governments; organizations under the jurisdiction of foreign governments; and international organizations.

Award: Proposals will be considered for research projects from one to five years. For FY 2011, individual awards are expected to range between \$5,000 and \$250,000.

When: Applications will be considered on a continuing basis for all programs listed in this notice. Applications received after June 1, 2011 may be processed and considered for funding under this solicitation in the current fiscal year or in the next fiscal year, subject to the availability of funds. Applications, paper and electronic, must be received prior to the announcement on Grants.gov of the FY 2012 solicitation for the NIST MSE Research Grants Programs in order to be processed under this solicitation.

How: You may apply through www.grants.gov - the 2011 announcement is listed here:
<http://www.grants.gov/search/search.do?mode=VIEW&oppId=61193>

Details: The Law Enforcement Standards Office helps criminal justice, public safety, emergency responder, and homeland security agencies make informed procurement, deployment, applications, operating, and training decisions, primarily by developing performance standards, measurement tools, operating procedures and equipment guidelines. For details on these various activities by program area, please see the OLES web site at <http://www.nist.gov/oles>.

Website: <http://www.nist.gov/director/ocfo/grants/upload/2011-mse-ffo.pdf>

Contact Information:

Sharon Ellison
301-975-3729
sharon.ellison@nist.gov

Small Business

Executive Summary

Program	Department	Type	Award	Contact
National Ombudsman for Small Businesses	Small Business Administration	General Resource	N/A	Office of Ombudsman 1-888-734-3247
Small Business Development Centers (SBDCs)	Small Business Administration	Training Program	N/A	www.sba.gov
Emerging 200 (E200) Initiative	Small Business Administration	Training Program	N/A	Penny K. Pickett 202-205-6706
SBA's Women's Business Centers	Small Business Administration	Training Program	N/A	Ana Recio Harvey 202-205-6673
SBA Local and Regional Offices	Small Business Administration	Training Program	N/A	Jess Knox 202-205-6808
SCORE Small Business Counselors	Small Business Administration	Training Program	N/A	SCORE Association 1-800-634-0245
Procurement Technical Assistance Centers (PTACs)	Department of Defense	Training Program	N/A	Association of Procurement Technical Assistance Centers 615-268-6644
New Markets Venture Capital Program (NMVC)	Small Business Administration	Equity Investment	Not specified	www.sba.gov
SBA Loan Guarantee Programs	Small Business Administration	Loan Guarantee	\$10,000+	www.sba.gov
Small Business Research Funding Opportunities (SBIR/STTR)	Department of Health and Human Services	Grant	Varies	Kay Etzler etzlerk@od.nih.gov
NIST Small Business Innovation Research Program (SBIRP)	Small Business Administration	Grant	Varies	sbir@nist.gov
Program for Investment in Micro-Entrepreneurs (PRIME)	Small Business Administration	Grant	Up to \$250,000	www.sba.gov

39. National Ombudsman for Small Businesses

Small Business Administration
Office of Ombudsman
Incentive Type: General Resource
Sector: Small Business

What: The SBA's National Ombudsman's mission is to assist small businesses to address issues with federal regulatory enforcement actions, such as repetitive audits or investigations, excessive fines, penalties, threats, retaliation or other unfair enforcement action by a federal agency.

Who: Any small business is eligible to file a complaint with the SBA's ombudsman. The SBA defines a small business as a firm which: (1) Is organized for profit (2) Has a place of business in the US (3) Operates primarily within the U.S. or makes a significant contribution to the U.S. economy through payment of taxes or use of American products, materials or labor (4) Is independently owned and operated (5) Is not dominant in its field on a national basis.

Benefit: The goal of the ombudsman is to be able to secure a response from the federal agency within 30 days from the time it receives a completed comment form and substantiating documentation. Generally a response should be received within 60 days. When comments are complex, a response may take longer.

How: To file a complaint online, fill out the form located here: <http://www.sba.gov/ombudsman/1816>

Website: <http://www.sba.gov/ombudsman>

Contact Information:

Small Business Administration
Office of Ombudsman
1-888-734-3247

40. Small Business Development Centers (SBDCs)

Small Business Administration
Office of Small Business Development Centers
Incentive Type: Training Program
Sector: Small Business

What: The Small Business Development Centers (SBDCs) are partnerships primarily between the government and colleges/universities, which are administered by the Small Business Administration. The SBDC program aims to provide counseling services for small business owners and aspiring entrepreneurs (pre-venture) in order to promote growth, expansion, innovation, increased productivity and management improvement. SBDCs offer one-stop assistance to individuals and small businesses by providing a wide variety of information and guidance in central and easily accessible branch locations. There are currently 63 SBDCs located in all 50 states as well as the District of Columbia, Puerto Rico, and the U.S. Territories.

Who: Assistance from an SBDC is available to anyone interested in beginning a small business for the first time or improving or expanding an existing small business. The SBA defines a small business as a firm which: (1) Is organized for profit (2) Has a place of business in the US (3) Operates primarily within the U.S. or makes a significant contribution to the U.S. economy through payment of taxes or use of American products, materials or labor (4) Is independently owned and operated (5) Is not dominant in its field on a national basis.

Benefit: SBDC services include, but are not limited to, assisting small businesses with financial, marketing, production, organization, engineering and technical problems and feasibility studies.

How: Visit the Association of Small Business Development Centers website to find your nearest SBDC. It can be found here: <http://www.asbdc-us.org/>.

Details: You may also visit the Office of Small Business Development Centers, which manages the SBDC program, for more information. Their website is located at <http://www.sba.gov/about-offices-content/1/700>.

Website: <http://www.sba.gov/content/small-business-development-centers-sbdc>

Contact Information:

Small Business Administration
202-205-6766
answerdesk@sba.gov

41. Emerging 200 (E200) Initiative

Small Business Administration

Office of the Administrator and Office of Entrepreneurial Development

Incentive Type: Training Program

Sector: Various

What: The Emerging 200, e200 for short, is an intensive training initiative to accelerate growth of high potential small businesses located in America's inner-cities. This comprehensive curriculum provides the tools to catapult small businesses to the next level and help them emerge as a force in their communities.

Developed by the U.S. Small Business Administration, e200 offers qualified business owners powerful benefits including innovative strategies to grow, acquire financing, access new markets and leverage networking. This support taps expert mentors and advisors from committed business leaders.

Who: The e200 advanced training series is open to small business owners and executives. Businesses with annual revenues of at least \$400,000, which have been in business for at least 3 years and are located in urban areas can benefit from this initiative.

Award: The costs for the training series are being assumed by the U.S. Small Business Administration and local partners. Participants reported increased revenues over the past year, have leveraged nearly \$10 million dollars in new financing, and 58% of participating businesses have obtained government contracts. The 2010 e200 training cycle included over 300 small businesses enrolled in 22 cities across the country.

When: Recruitment for the Emerging 200 program typically occurs on an annual basis.

How: To register for e200 contact your local U.S. Small Business Administration office. A list of participating regional offices can be found at the website listed below.

Details: An informational flier can be found here:

<http://www.sba.gov/sites/default/files/E200%20USA%202011%20General%20Flyer.pdf>

Website: <http://www.sba.gov/content/sba-emerging-200-initiative-0>

Contact Information:

Penny K. Pickett

Associate Administrator

Office of Entrepreneurial Development

202-205-6706

E200 Initiative

e200@sba.gov

42. Women's Business Centers (WBCs)

Small Business Administration

Office of Women's Business Ownership (OWBO)

Incentive Type: Training Program

Sector: Small Business

What: Women's Business Centers (WBCs) represent a national network of nearly 100 educational centers designed to assist women start and grow small businesses. WBCs operate with the mission to "level the playing field" for women entrepreneurs, who still face unique obstacles in the world of business. Through the management and technical assistance provided by the WBCs, eligible entrepreneurs are offered comprehensive training and counseling on a vast array of topics in many languages to help them start and grow their own businesses.

Who: Entrepreneurs, especially women who may be economically or socially disadvantaged

Benefit: Each WBC tailors its services to the needs of its individual community. Each provides training in finance, management, marketing, and the Internet, as well as offering access to all of the SBA's financial and procurement assistance programs. In fiscal year 2009, the SBA backed nearly 10,000 loans worth about \$2 billion to women entrepreneurs. Many centers offer training and counseling in a number of languages and dialects, helping reach underserved markets with a variety of unique and innovative programs.

When: Women's Business Centers are an ongoing resource available to women in small business.

How: There are SBA district offices in every U.S. state and a number of its territories. Visit the SBA Office of Women's Business Ownership, whose website is listed below, to learn more about their program, how they can help your business, and where to find your closest WBC.

Website: <http://www.sba.gov/about-offices-content/1/2895>

Contact Information:

Ana Recio Harvey

Assistant Administrator

Office of Women's Business Ownership (OWBO)

202-205-6673

43. SBA Local and Regional Offices

Small Business Administration
Office of Field Operations
Incentive Type: Training Program
Sector: Small Business

What: To further the mission of helping small businesses succeed, SBA has established regional offices across the country. These offices support SBA Local Offices within defined states, and work to advocate and accelerate economic development, growth and competitiveness within their geographic area. This support includes technical assistance, business training, counseling, mentoring and other services for small business owners.

Who: Small Businesses. The SBA defines a small business as a firm which: (1) Is organized for profit (2) Has a place of business in the US (3) Operates primarily within the U.S. or makes a significant contribution to the U.S. economy through payment of taxes or use of American products, materials or labor (4) Is independently owned and operated (5) Is not dominant in its field on a national basis.

Benefits: (1) Access to Capital: SBA provides small businesses with an array of financing for small businesses from the smallest needs in micro lending to substantial debt and equity investment capital (venture capital). (2) Entrepreneurial Development: SBA provides free individual face-to-face, and internet counseling for small businesses, and low-cost training to nascent entrepreneurs and established small businesses in over 1,800 locations throughout the United States and US territories. (3) Federal Procurement: SBA's Office of Government Contracting provides small businesses with subcontracting procurement opportunities, outreach programs, and training.

How: Regional offices are listed here: <http://www.sba.gov/about-offices-list/3>. Local offices can be found here: <http://www.sba.gov/about-offices-list/2>

Website: <http://www.sba.gov/about-sba-offices>

Contact Information:

Jess Knox
Associate Administrator
Office of Field Operations
202-205-6808

44. SCORE Small Business Counselors

Small Business Administration
Office of Entrepreneurship Education
Incentive Type: Training Program
Sector: Small Business

What: SCORE was formed in 1964 and nearly 4.5 million small business owners and entrepreneurs have utilized SCORE services. The SCORE Association “Counselors to America’s Small Business” is a nonprofit association partner of the SBA comprised of 11,500 volunteer business counselors throughout the U.S. and its territories. SCORE members are trained to serve as counselors, advisors, and mentors to aspiring entrepreneurs and business owners. SCORE is not a federal agency, but it is funded and administered by the SBA.

Who: Small businesses. The owner of the business **must** be a U.S. resident *or* hold a green card, though they do not need to be a U.S. citizen. The SBA defines a small business as a firm which: (1) Is organized for profit (2) Has a place of business in the US (3) Operates primarily within the U.S. or makes a significant contribution to the U.S. economy through payment of taxes or use of American products, materials or labor (4) Is independently owned and operated (5) Is not dominant in its field on a national basis.

Benefits: Entrepreneurial information and education, resources and tools to help small businesses succeed. These services are offered at no fee, as a community service. SCORE also helped create 68,452 new small businesses in 2009, according to an SBA report sent to Congress.

How: There are 389 SCORE chapters in urban, suburban and rural communities. SCORE offices and mentors can be found at the website listed below. You may contact SCORE using this form:
http://www.score.org/cgi/form_contact_us.cgi or calling the number listed below.

Details: The Office of Entrepreneurial Development, which oversees the SCORE program, can be located here:
<http://www.sba.gov/about-offices-content/1/2893>.

Website: <http://www.sba.gov/content/score>

Contact Information:

SCORE Association
1-800-634-0245

45. Procurement Technical Assistance Centers (PTACs)

Department of Defense
Defense Logistics Agency
Incentive Type: Training Program
Sector: Government Procurement

What: Procurement Technical Assistance Centers (PTACs) provide local, in-person counseling and training services for businesses that want to sell products and services to federal, state, and/or local governments.. Ninety-three PTACs - with over 300 local offices - form a nationwide network of dedicated procurement professionals working to help local businesses compete successfully in the government marketplace. PTACs are the bridge between buyer and supplier, bringing to bear their knowledge of both government contracting and the capabilities of contractors to maximize fast, reliable service to our government with better quality and at lower costs. The program is administered by the Department of Defense's Defense Logistics Agency.

Who: Any firm seeking to gain government contracts.

Benefits: PTAC services are available either free of charge, or at a nominal cost. A PTAC representative can offer individualized counseling to help businesses explore government contracting. PTAC can: (1) Help connect with platforms where procurement opportunities are listed. (2) Help determine eligibility for any small business certifications in order to qualify for government contracts set asides (3) Research past contract opportunities, to see what types of contracts have been awarded to businesses in a particular sector.

How: A list of PTACs can be found at the website listed below.

Website: <http://www.aptac-us.org/new/>

Contact Information:

Association of Procurement Technical Assistance Centers
615-268-6644
<http://www.aptac-us.org/new/contact.php>

46. New Markets Venture Capital Program (NMVC)

Small Business Administration (SBA)

Incentive Type: Equity Investment by NMVC

Sector: Various

What: The New Markets Venture Capital (NMVC) Program is a developmental venture capital program designed to promote economic development and the creation of wealth and job opportunities in low-income geographic areas. Through public-private partnerships between the SBA and NMVC Companies (NMVCCs) and existing Specialized Small Business Investment Companies (SSBICs), the program is designed to serve the unmet equity needs of local entrepreneurs through developmental venture capital investments, provide technical assistance to small businesses, create quality employment opportunities for Low Income (LI) area residents, and build wealth within LI areas.

Who: For complete eligibility guidelines and application process overview, visit:

http://archive.sba.gov/aboutsba/sbaprograms/inv/nmvc/INV_NMVC_PROGOVERVIEW.html

Award: The SBA has agreements with six NMVCCs, which are for-profit investment funds with private management. A NMVCC's management makes all investment decisions within the constraints of NMVC statute, SBA regulations and other considerations.

When: Ongoing.

How: To contact a NMVCC, visit:

http://archive.sba.gov/aboutsba/sbaprograms/inv/nmvc/INV_NMVC_COMPANIES.html

Website: <http://www.sba.gov/about-sba-info/11384>

Contact Information:

Small Business Administration

1-800-827-5722

<http://www.sba.gov/>

47. SBA Loan Guarantee Programs

Small Business Administration
Incentive Type: Loan Guarantee
Sector: Various

What: Banks and other lending institutions offer a number of SBA guaranteed loan programs to assist small businesses. While SBA itself does not make loans, it does guarantee loans made to small businesses by private and other institutions. Loan programs available are: (1) Microloan Program, (2) 7(a) Loan program, (3) CDC/504 Program. For a general overview of the loan programs, visit this website: <http://www.sba.gov/about-sba-services/2834>.

Who: Eligibility varies by loan program. The SBA defines small businesses as entities that meet the following criteria: (1) Is organized for profit (2) Has a place of business in the US (3) Operates primarily within the U.S. or makes a significant contribution to the U.S. economy through payment of taxes or use of American products, materials or labor (4) Is independently owned and operated (5) Is not dominant in its field on a national basis.

Award: Maximum loan amounts vary from \$1,000 to \$1.5 million, depending on the program. For details, visit: <http://www.sba.gov/about-sba-services/2834>.

When: Ongoing.

How: Application process varies by program; you may find links to the individual programs below.

(1) Microloan program: <http://www.sba.gov/content/microloan-program>

(2) 7(a) Loan Program: <http://www.sba.gov/category/navigation-structure/loans-grants/small-business-loans/sba-loan-programs/7a-loan-program>

(3) CDC/504 Loan Program: <http://www.sba.gov/content/cdc504-loan-program>

Details: Details can be found here: <http://www.sba.gov/content/guaranteed-loan-programs-debt-financing-1>.

Website: <http://www.sba.gov/about-sba-services/2834>

Contact Information

Small Business Administration
1-800-827-5722

48. Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) Funding Opportunities

Small Business Administration

Incentive Type: Grant

Sector: Research, R&D

What: The Office of Technology administers the SBIR and STTR Programs to ensure that the nation's small, high-tech, innovative businesses are a significant part of the federal government's research and development efforts. Eleven federal departments participate in the SBIR program; five departments participate in the STTR program. For details, visit: <http://archive.sba.gov/aboutsba/sbaprograms/sbir/index.html>.

Who: The SBA defined small businesses as entities that meet the following criteria: (1) Is organized for profit (2) Has a place of business in the US (3) Operates primarily within the U.S. or makes a significant contribution to the U.S. economy through payment of taxes or use of American products, materials or labor (4) Is independently owned and operated (5) Is not dominant in its field on a national basis.

Award: Varies by solicitation.

When: The standard due dates are April 5, August 5, and December 5 for applications submitted in response to a parent funding opportunity announcement. Submission dates for targeted/special announcements vary so you must check the announcement for its specific date(s).

How: Application information may be found here: <http://grants.nih.gov/grants/funding/sbir.htm#submission>

Website: <http://archive.sba.gov/aboutsba/sbaprograms/sbir/index.html>

Contact Information:

Ms. Kay Etzler

NIH SBIR/STTR Program Analyst

301-435-2713, Fax: 301-480-0146

sbir@od.nih.gov or etzlerk@od.nih.gov

49. NIST Small Business Innovation Research Program (SBIR)

Department of Commerce
National Institute of Standards and Technology (NIST)
Incentive Type: Contract
Sector: R&D

***** Application deadline for 2011 has passed. *****

*****New funding opportunities will be listed on website as they become available. *****

What: The NIST Small Business Innovation Research (SBIR) Program solicits research and development proposals from small businesses that respond to specific technical needs that are described in the annual Solicitation. SBIR contracts are awarded for R&D that directly supports a NIST project and for R&D needed to extend technologies developed at NIST for the purpose of commercializing the NIST technology. The program funds the gap from a research-based idea to a prototype that many industrial and venture capital companies find difficult to support. No unsolicited proposals are accepted. The NIST SBIR Program does not award grants.

Who: Small businesses. The SBA defined small businesses as entities that meet the following criteria: (1) Is organized for profit (2) Has a place of business in the US (3) Operates primarily within the U.S. or makes a significant contribution to the U.S. economy through payment of taxes or use of American products, materials or labor (4) Is independently owned and operated (5) Is not dominant in its field on a national basis.

Award: This program awards contracts, not grants.

When: The FY2011 solicitation was released November 4, 2010. The solicitation was closed on January 28, 2011.

How: The FY2011 solicitation may be viewed here:

https://www.fbo.gov/index?s=opportunity&mode=form&id=b6e11dab84d22f4905db36bc99657c98&tab=core&_cview=1

Website: <http://www.nist.gov/tpo/sbir/>

Contact Information:

SBIR Program
301-975-6691
301-975-4188
sbir@nist.gov

50. Program for Investment in Micro-Entrepreneurs (PRIME)

Small Business Administration

Incentive Type: Grant

Sector: Various

What: The SBA's Program for Investment in Micro-Entrepreneurs (PRIME) provides assistance to various organizations. These organizations help low-income entrepreneurs who lack sufficient training and education to gain access to capital to establish and expand their small businesses. At least 50 percent of the grants are awarded to qualified organizations that benefit very low-income persons.

Who: (1) A micro-enterprise development organization or program that has a demonstrated record of delivering micro-enterprise services to disadvantaged micro-entrepreneurs. (2) An intermediary, such as a private, nonprofit entity serving micro-enterprise development organizations. (3) A micro-enterprise development organization or program that is accountable to a local community, working with a state or local government or Indian tribe.

Award: Generally, the funding period for a PRIME grant is one year. Funding may be available on an annual basis for a project period of up to five years. The maximum that an organization may receive in any fiscal year from one or more awards may not exceed \$250,000, or 10 percent of the total funds available that year, whichever is less.

When: Ongoing.

How: The SBA regularly issues Program Announcements that: summarize the purpose of the available funds; specify the terms, conditions, and evaluation criteria; provide information on how to obtain an application packet; and explain deadlines and other requirements. Organizations submit applications in response to the Program Announcements posted on grants.gov

Details: Frequently asked questions can be found here:

http://www.access.gpo.gov/nara/cfr/waisidx_06/13cfr119_06.html

Website: <http://www.sba.gov/content/prime-program-0>

Contact Information

Small Business Administration

1-800-827-5722

Real Estate

51. Multifamily Real Estate for Sale

Housing and Urban Development

Incentive Type: Information

Sector: Real Estate

What: The U.S. Department of Housing and Urban Development (HUD) will send a weekly electronic Invitation to Bid on each multifamily property HUD advertised for sale, as well as immediate notification of any sale change or cancellation.

Who: No purchasing restrictions.

How: Sites available and contact information can be found on the website listed below.

Website: <http://www.hud.gov/offices/hsg/mfh/pd/mfplist.cfm>

Contact Information:

Gail Prater

gail.prater@hud.gov

52. Brownfield and Land Revitalization Grants

Environmental Protection Agency
Incentive Type: Grant
Sector: Various

What: EPA's Brownfields Program provides direct funding for brownfields assessment, cleanup, revolving loans, and environmental job training. Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. EPA's Brownfields Program collaborates with other EPA programs, other federal partners, and state agencies to identify and make available resources that can be used for brownfields activities.

Who: Eligibility varies by solicitation.

Award: Grant size varies up to \$175,000, depending on the solicitation. A current list of projects can be found here: <http://www.epa.gov/brownfields/applicat.htm>

When: Project list is constantly updated. Deadlines vary.

How: Information on how to apply for funding can be found here: <http://www.epa.gov/brownfields/applicat.htm>

Website: http://www.epa.gov/brownfields/grant_info/index.htm

Contact Information

US EPA
Office of Brownfields and Land Revitalization
(202) 566-2777
Brownfields-Web-Comments@epamail.epa.gov

Tax Policy Incentives

**** The information provided in this section is for reference and should not be considered as legal guidance. Noting that tax matters can be complex, Invest in America recommends consulting a tax or legal professional for guidance on tax questions.****

Executive Summary

Program	Department	Type	Award	Contact
Renewable Energy Tax Credits	Internal Revenue Service (IRS)	Tax Credit	Varies	http://www.irs.gov/
New Markets Tax Credit	Internal Revenue Service (IRS)	Tax Credit	39 percent of the cost of the investment	New Markets Tax Credit Support Line 202-622-6355
Energy-Efficient Appliance Manufacturing Tax Credit	Internal Revenue Service (IRS)	Tax Credit	\$25-200 per unit	http://www.irs.gov/
Research and Development Tax Credit	Internal Revenue Service (IRS)	Tax Credit	20% of qualified research expenses	http://www.irs.gov/
Orphan Drug Tax Credit	Internal Revenue Service (IRS)	Tax Credit	50 percent of the qualified clinical testing expenses	http://www.irs.gov/
Energy-Efficient Commercial Buildings Tax Deduction	Internal Revenue Service (IRS)	Tax Deduction	Up to \$1.80 per square foot	http://www.irs.gov/
Domestic Production Activities Deduction	Internal Revenue Service (IRS)	Tax Deduction	Up to 3% of net income	http://www.irs.gov/
Modified Accelerated Cost-Recovery System (MACRS) + Bonus Depreciation	Internal Revenue Service (IRS)	Corporate Depreciation	Up to 100% bonus depreciation	http://www.irs.gov/

53. Renewable Energy Tax Credits

Various Agencies

Incentive Type: Tax Credit

Sector: Energy

What: Several tax credit incentives can be found in the Energy/Technology Section of this Guide. They include the Renewable Electricity Production Tax Credit (PTC), the Business Energy Investment Tax Credit (ITC), and the other miscellaneous renewable energy production credits.

54. New Markets Tax Credit

Department of Treasury

Internal Revenue Service

Incentive Type: Tax Credit

Sector: Various

What: The New Markets Tax Credit (NMTC) Program permits taxpayers to receive a credit against Federal income taxes for making qualified equity investments in designated Community Development Entities (CDEs). Substantially all of the qualified equity investment must in turn be used by the CDE to provide investments in low-income communities.

Who: To qualify as a CDE, an organization must: (1) be a domestic corporation or partnership at the time of the certification application; (2) demonstrate a primary mission of serving, or providing investment capital for, low-income communities or low-income persons; and (3) maintain accountability to residents of low-income communities through representation on a governing board of or advisory board to the entity.

Award: The credit provided to the investor totals 39 percent of the cost of the investment and is claimed over a seven-year credit allowance period. In each of the first three years, the investor receives a credit equal to five percent of the total amount paid for the stock or capital interest at the time of purchase. For the final four years, the value of the credit is six percent annually.

When: The FY2011 program and deadlines have not yet been announced. The FY2010 application was released in May, 2010. Visit this website for updated information: http://www.cdfifund.gov/how_to_apply/index.asp

How: Application instructions can be found here: http://www.cdfifund.gov/how_to_apply/index.asp. The relevant IRS document for tax returns is Form 8874.

Website: http://www.cdfifund.gov/what_we_do/programs_id.asp?programid=5

Contact Information:

U.S. Department of Treasury

New Markets Tax Credit Support Line

202-622-6355

55. Research & Experimentation (R&D) Tax Credit

Department of Treasury
Internal Revenue Service
Incentive Type: Tax Credit
Sector: Various

What: First enacted in 1981, the R&D credit in past years has allowed companies that perform technological research a tax credit for the costs of researchers' wages, their supplies, as well as 65 percent of the cost of paying outside contractors, as long as all the work is performed in the United States. The research must be aimed at developing a new or improved function, performance reliability, or quality.

Who: Firms, large and small, whose research is technological in nature and involves experimentation to develop new or improved products or processes. Products do *not* need to be new, improved products and processes qualify as well, as long as the process requires experimentation to overcome any uncertainties.

Award: 20% of qualified research expenses may be claimed. In 2009, \$5.6 billion dollars in R&D tax credits were claimed.

When: Applied to tax returns under Internal Revenue Code §41.

How: To substantiate its qualified research, a taxpayer must prepare and retain documentation on paper or electronically.

Details: The relevant IRS Code, §41, can be found here:

http://www.law.cornell.edu/uscode/html/uscode26/usc_sec_26_00000041----000-.html

Website: <http://www.irs.gov/businesses/small/industries/article/0,,id=100123,00.html>

Contact Information:

U.S. Internal Revenue Service
1-800-829-4933

<http://www.irs.gov/>

56. Energy-Efficient Appliance Manufacturing Tax Credit

Department of Treasury
Internal Revenue Service
Incentive Type: Tax Credit
Sector: Various

What: Tax credits for manufacturers of high-efficiency residential clothes washers, refrigerators, and dishwashers. Credits depend on the efficiency rating of the manufactured appliance.

Who: Only appliances produced in the United States are eligible. Details on the efficiency rating requirements can be found here: <http://www.irs.gov/businesses/corporations/article/0,,id=208024,00.html>

Award: \$25-200 per unit. Credits apply to dishwashers, clothes washers, and refrigerators. The applicable credits can be found here: http://www.dsireusa.org/incentives/incentive.cfm?Incentive_Code=US42F&re=1&ee=1. Each manufacturer is limited to a total of \$25 million in 2011 for all credits under this provision. There are exceptions, please visit the IRS website for details: <http://www.irs.gov/businesses/corporations/article/0,,id=208024,00.html>

When: This credit expires December 31, 2011.

How: Applied to tax returns. The IRS form can be found here: <http://www.irs.gov/pub/irs-pdf/f8909.pdf>

Details: The relevant IRS Code, §45M, can be found here:
http://www.law.cornell.edu/uscode/html/uscode26/usc_sec_26_00000045---M000-.html.

Website: <http://www.irs.gov/businesses/corporations/article/0,,id=208024,00.html>;

Contact Information:

U.S. Internal Revenue Service
1-800-829-4933
<http://www.irs.gov/>

57. Orphan Drug Tax Credit

Department of Treasury
Internal Revenue Service
Incentive Type: Tax Credit
Sector: Various

What: The Orphan Drug tax credit, which allows firms to write off a portion of clinical testing expenses for certain drugs for rare diseases or conditions, was established in 1983 by the Orphan Drug Act and made permanent by the Taxpayer Relief Act of 1997. The Act is designed to encourage biopharmaceutical companies to perform research on rare diseases. It also provides for seven years of market exclusivity for drugs developed.

Who: Biopharmaceutical companies performing research on rare diseases. Information on qualifying research can be found here:

<http://www.fda.gov/ForIndustry/DevelopingProductsforRareDiseasesConditions/HowtoapplyforOrphanProductDesignation/default.htm>

Award: The tax credit is equal to 50 percent of the qualified clinical testing expenses for the taxable year.

When: Applied to tax returns under Internal Revenue Code §45C.

How: Orphan Drug tax credit can be claimed by including form 8820 when filing tax returns. Form 8820 can be found here: <http://www.irs.gov/pub/irs-pdf/f8820.pdf>.

Details: The relevant IRS Code, §45C, can be found here:

http://www.law.cornell.edu/uscode/html/uscode26/usc_sec_26_00000045---C000-.html

Website: <http://www.irs.gov/pub/irs-pdf/f8820.pdf>

Contact Information:

U.S. Internal Revenue Service
1-800-829-4933
<http://www.irs.gov/>

58. Energy-Efficient Commercial Buildings Tax Deduction

Department of Treasury
Internal Revenue Service
Incentive Type: Tax Deduction
Sector: Various

What: This incentive is intended to improve the energy efficiency of commercial buildings. The "Commercial Building Tax Deduction" establishes a tax deduction for expenses incurred for energy efficient building expenditures made by a building owner.

Who: Available to owners of new or existing buildings who install (1) interior lighting; (2) building envelope, or (3) heating, cooling, ventilation, or hot water systems that reduce the building's total energy and power cost by 50% or more in comparison to a building meeting minimum requirements set by [ASHRAE Standard 90.1-2001](http://www.ashrae.org/technology/page/548) (<http://www.ashrae.org/technology/page/548>). Energy savings must be calculated using qualified computer software approved by the IRS. Visit this website for the list of approved software:
http://www1.eere.energy.gov/buildings/qualified_software.html

Award: Up to \$1.80 per square foot. Partial deductions of up to \$.60 per square foot can be taken for measures affecting: the building envelope, lighting, or heating and cooling systems.

When: This credit expires December 31, 2013

How: Applied to tax returns. The IRS instructions to business forms (e.g., Form 1120 for corporations, Form 1120-S for S corporations, and Form 1065 for partnerships) indicate that the taxpayer should include the amount of the deduction in the amount in the "Other deductions" line of the tax return. Instructions can be found here:
<http://www.irs.gov/newsroom/article/0,,id=158395,00.html>.

Details: More information can be found at EnergyStar:
http://www.energystar.gov/index.cfm?c=tax_credits.tx_comm_buildings: Frequently asked questions can be accessed here: http://www.efficientbuildings.org/about_the_provision.html.

Website: http://www1.eere.energy.gov/buildings/tax_commercial.html

Contact Information:

U.S. Internal Revenue Service
1-800-829-4933
<http://www.irs.gov/>

Energy Efficiency and Renewable Energy Office
1-877-EERE-INF (1-877-337-3463)

59. Domestic Production Activities Deduction

Department of the Treasury
Internal Revenue Service
Incentive Type: Tax Deduction
Sector: All

*****Some U.S. states have decoupled from the Domestic Production Activities Deduction and do not permit this deduction.*****

What: Under this program, companies are granted the ability to deduct 9 percent of their taxable income from qualified production activities in the tax year.

Who: Qualified production activities are defined as: manufacturing based in the United States, selling, leasing, or licensing items that have been manufactured in the United States, selling, leasing, or licensing motion pictures that have been produced in the United States, construction services in the United States, including building and renovation of residential and commercial properties, engineering and architectural services relating to a U.S.-based construction project, and software development in the United States, including the development of video games.

Award: Up to 9 percent of their taxable income from qualified production activities in the tax year.

When: This is a tax credit and will be filed whenever you file normal tax returns.

How: Instructions may be found here: <http://www.irs.gov/pub/irs-pdf/i8903.pdf>. The most recently available IRS tax form may be found here: <http://www.irs.gov/pub/irs-pdf/f8903.pdf>

Details: The following activities explicitly do not qualify for a tax deduction: construction services that are cosmetic in nature, such as painting, leasing or licensing items to a related party, or selling food or beverages prepared at a retail establishment.

Website: <http://www.irs.gov>

Contact Information:

U.S. Internal Revenue Service
1-800-829-4933
<http://www.irs.gov/>

60. Modified Accelerated Cost-Recovery System (MACRS) + Bonus Depreciation

Department of Treasury
Internal Revenue Service
Incentive Type: Corporate Depreciation
Sector: Various

What: Under the federal Modified Accelerated Cost-Recovery System (MACRS), businesses may recover investments in certain property through depreciation deductions. MACRS allows for greater accelerated depreciation over longer time periods. Beginning in 2008, a provision for bonus depreciation was added to the system. Bonus depreciation provides additional tax advantages to investments.

Who: Eligible property placed in service after September 8, 2010 and before January 1, 2012 qualifies for 100% first-year bonus depreciation. For 2012, bonus depreciation is still available, but the allowable deduction reverts from 100% to 50% of the eligible basis.

Award: Bonus depreciation varies from 50-100% depending on the year the property was placed in service.

When: The bonus depreciation expires December 31, 2012.

How: Applied to tax returns.

Website: http://www.dsireusa.org/incentives/incentive.cfm?Incentive_Code=US06F&re=1&ee=1

Contact Information:

U.S. Internal Revenue Service
1-800-829-4933
<http://www.irs.gov/>

Country-Specific Incentives

61. Bilateral Investment Treaty (BIT) program

U.S. Government
U.S. Law & Regulation
Sector: All

What: The U.S. bilateral investment treaty (BIT) program helps protect private investment and develop market-oriented policies. The BIT program's basic aims are to: (1) Protect investment abroad in countries where investor rights are not already protected through existing agreements (such as modern treaties of friendship, commerce, and navigation, or free trade agreements); (2) Encourage the adoption of market-oriented domestic policies that treat private investment in an open, transparent, and non-discriminatory way; and (3) Support the development of international law standards consistent with these objectives.

Who: As of January 2011, the United States had BITs in force with 40 countries. For a list of U.S. BITs currently in force, visit: <http://www.state.gov/e/eeb/ifd/bit/117402.htm>. For the text of BITs and Treaties of Friendship, Commerce, and Navigation, visit: http://tcc.export.gov/Trade_Agreements/Bilateral_Investment_Treaties/index.asp. Additionally, foreign investors can take advantage of the benefits of U.S. BITs, in most cases, by incorporating or forming a subsidiary in the United States.

Website: http://www.ustr.gov/Trade_Agreements/BIT/Section_Index.html

Contact Information:

U.S. Department of State
Bilateral Investment Trade Coordinator
202-736-4907

Office of the U.S. Trade Representative
Director for Investment Affairs
Johnathon Kallmer
202-395-9451
johnathon.kallmer@ustr.eop.gov

62. Free Trade Agreement

U.S. Government
U.S. Law & Regulation
Sector: All

What: U.S. Free Trade Agreements (FTAs) typically contain an investment chapter designed to protect direct and portfolio investment by providing an open, predictable legal framework. Investment chapter provisions are similar to those contained in U.S. Bilateral Investment Treaties. Limited exceptions to the national treatment, most-favored-nation treatment, performance requirements, and senior management obligations are listed in the annexes of Non-Conforming Measures of each FTA.

Who: The United States has free trade agreements (FTAs) in effect with 17 countries. Also, the U.S. is a Member of the World Trade Organization (WTO), and the Marrakesh Agreement Establishing the World Trade Organization (WTO Agreement) sets out rules governing trade among the WTO's 154 members. Foreign investors can take advantage of the benefits of U.S. FTAs, in most cases, by incorporating or forming a subsidiary in the United States.

Website: http://www.ustr.gov/Trade_Agreements/Section_Index.html

Contact Information:

Jonathan Kallmer
Office of the United States Trade Representative
202-395-9451
johnathon.kallmer@ustr.eop.gov

