

REPORT ON U.S. FUNDING OPPORTUNITIES FOR EUROPEAN RESEARCHERS





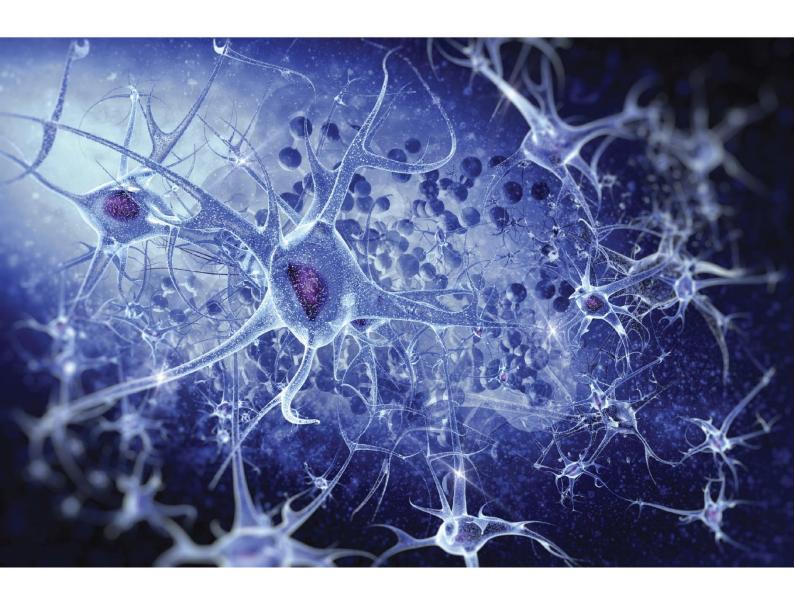




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EXECUTIVE SUMMARY

This report is a product of the BILAT USA 4.0 project, funded by the European Union, and started on 1 February 2016. BILAT USA 4.0 continues activities started by the predecessor projects BILAT USA and BILAT USA 2.0 with the aim to enhance and develop science, technology, and innovation (STI) partnerships between the U.S. and Europe. A particular focus of the project activities will be put on an intensification of interactions between EU and US researchers and innovators, the support for the improvement of research and innovation framework conditions, the provision of analyses delivering a sound base for political decision making and an enhanced coordination and synergies between different European and US policies and programs. Detailed information can be found on our website: http://www.euussciencetechnology.eu/

The European Union (EU) and the United States (US) form the world's strongest and most comprehensive partnership in research and innovation. While the EU and US have achieved many significant scientific innovations by investing funds within their own research sectors in institutions of higher education and basic research centers, the next horizon for tackling the dynamic and complex challenges facing our world is the creation of cross-collaborative partnerships to leverage the resources—both financial support and academic talent—of both the EU and US.

Additionally, by ensuring greater continuity in the knowledge exchange between EU-US researchers, organizations that fund both EU and US research projects can be more efficient with their respective science, technology, and innovation investments. This means encouraging EU-US research teams to apply for shared resources and even cross borders to request research support. However, when encouraging scientists, academics, and other researchers to broaden their normal range of viable funding sources, a common problem arises: EU researchers are unfamiliar with US funding sources available to eligible European or international researchers, and US researchers are unfamiliar with the EU funding sources for which they qualify. This report aims to address and help overcome this very challenge.

To increase awareness about which US sources are appropriate and viable to EU researchers, BILAT USA 4.0 commissioned this report and its accompanying database to solve part of this problem: helping EU researchers find potential sources of US funding. In order to provide meaningful information, this report does not identify individual funding opportunities for the following reasons:

- Funding opportunities quickly expire after the submission deadlines have past, and they are often retired
 after only one or two funding cycles. Any report or Website that lists individual funding opportunities
 becomes outdated almost as soon as it is printed or posted. Additionally, there are several commercially
 available online databases and search engines that specialize in tracking these funding opportunity
 announcements, such as Grants.gov and COS/Pivot, that can be easily accessed by EU researchers.
- Most researchers do not use reports to find specific funding opportunities; rather, they primarily use online tools such as Internet search engines, Web applications, and mobile applications. In order to produce a viable and useable tool for EU researchers to find US funding opportunities, in this report, the summaries of organizations that support EU and/or international research and the embedded Web links to access each organization, provide much more relevant, accurate, and up-to-date information than a static list of funding opportunities. Furthermore, individual EU researchers can use the search functions in each organization's Web site to identify funding opportunities specific to their area of research, which is not possible to accomplish with a general list of opportunities.

Given these criteria, this report includes descriptions for 26 US federal agencies and 30 non-federal agencies to help EU scientists and academics self-identify funding opportunities to support their research. This report will also be accessible as an online database on the BILAT USA 4.0's website: http://www.euussciencetechnology.eu/





INTRODUCTION

I. PURPOSE OF DOCUMENT

The purpose of this document is to provide researchers within the European Union with a list of potential funding sources in the United States that accept applications and/or collaborations from foreign applicants for sponsored projects. It is also intended to help EU researchers understand the US federal and non-federal funding landscape for research projects across various academic disciplines.

International Research Funding Landscape

Opportunities for EU researchers to obtain US funding for their projects are limited. Most federal organizations provide grants only to researchers at US institutions (e.g., colleges, universities, corporations) or require US citizenship for the Principal Investigator and project staff. Since US taxpayer dollars primarily support federal organizations, the federal government aligns grantmaking priorities with those that benefit the nation and its people. Recent global events, particularly outbreaks of the Ebola and Zika viruses, are having an impact on the federal funding landscape. Some federal organizations, such as the National Institutes of Health, do allow international researchers to serve as Principal Investigators and/or have specific programs that even require an international collaborator.

Furthermore, disciplines in the sciences are recognizing the value of international collaboration in terms of cross-pollenating ideas, learning new perspectives and techniques, and access to and sharing of resources. Federal organizations are becoming receptive to granting subawards and other funding mechanisms to international researchers, as they see the value in global collaboration to help further meet national priorities. While the number of federal organizations supporting international research is small, there is great potential for growth. This report focuses on U.S. funding opportunities for EU researchers. Information on bilateral programs is being gathered through the Strategic Forum for International Cooperation (SFIC) and will be share by the BILAT USA 4.0 when available.

Organization

The first section of this document provides a summary of each federal organization that may provide grants or subawards to EU and/or other international researchers. The second section provides summaries for various non-federal organizations that may also do the same.

Sponsor Summaries

To help you determine whether a particular sponsor fits your research focus, each sponsor summary includes the following information:

- Sponsor name
- Sponsor type (federal/non-federal)
- Foreign research allowance
- Relevant academic disciplines
- Organization mission statement
- Focus of organization and/or grantmaking activities
- Organizational structure
- Funding mechanisms (e.g., grants, cooperative agreements)
- Recommendations for searching sponsor grant information and obtaining additional information

Each summary includes links to the sponsor's Web site and to specific sections of their sites as needed for additional information and reference. To keep the information in this document as accurate as possible, specifically excluded





from the summaries are application deadlines, specific program requirements, and other information that may change frequently.

To meet various priorities, goals, and objectives, most federal and non-federal organizations often revise, eliminate, or create new grant programs, and thus the links provided in each summary allow researchers to directly access and obtain the most recent information. In addition, many sponsor Web sites include application forms, guidance materials, and lists of prior awards, which can be very useful in developing applications.

II. FEDERAL GRANT OPPORTUNITIES

US Federal Research Funding Landscape

Each year, usually on the first Monday in February, the President of the United States submits to Congress the President's federal budget request. The budget is projected for the next ten years, but is only binding for one. After Congressional approval, the budget goes into effect on October 1, which is the start of the federal fiscal year. The federal budget is appropriated on an annual budget and thus can impact multi-year grants. ¹

The priorities of the US federal government include protecting the health and welfare of its people, growing commerce, and ensuring quality education. As such, the US Congress makes large investments in federal organizations that focus on meeting national priorities such as defense, public health, economic development, protecting natural resources, and education. By funding cutting-edge science, the US federal government aims to leverage the knowledge gained to benefit the American public, particularly in medicine, engineering, energy, computing technology, and manufacturing. Federal organizations that fund scientific research in these fields often have significant operating budgets and can make many grants to researchers.

In addition, the US federal government makes significant investments in scientific research because it creates jobs and thus benefits the economy. Depending on the size, scope, and length of the research project, undergraduate students, graduate student researchers, and post-docs often are needed to help conduct the work. The structure of federal grants allows Principal Investigators and project staff to receive salary and benefits such as health insurance. Furthermore, the costs for conducting research in the science and technology fields are typically much greater than in the arts and humanities fields.

While the US federal government recognizes the value of the arts and humanities and the vital contributions they make to our quality of life, research projects in these areas typically do not support national priorities for protecting the nation and increasing economic growth. Therefore, the US federal government makes smaller investments in the arts and humanities. As an example, in 2016 the combined requested budgets for the National Endowment for Arts and the National Endowment for the Humanities is approximately USD \$300 million compared with USD \$31 billion for the National Institutes of Health.

Researchers and artists seeking funding in the arts and humanities often must pursue opportunities offered by non-federal organizations. However, very few support international investigators or artists; those that may provide such support are small, have very limited funding sources, and thus cannot make large or numerous grants. Therefore, this document only includes limited numbers of US federal and non-federal organizations for the arts and humanities disciplines.

Sponsor Summaries: Selected US Federal Organizations

Currently there are 26 US federal organizations that provide grants for scientific research, education programs, and

¹ http://www.acenet.edu/news-room/Pages/A-Brief-Guide-to-the-Federal-Budget-and-Appropriations-Process.aspxhttp://www.cbpp.org/research/policy-basics-introduction-to-the-federal-budget-process





artistic works across a range of disciplines and fields of study. This document provides summaries for 14 US federal organizations that have demonstrated grantmaking to international universities and/or researchers regardless of the type of funding mechanism. Also included are federal organizations that publicly state on their Web sites or in program solicitations that international researchers are eligible to apply for grants. Excluded from this document are federal organizations that clearly state only US applicants are eligible and/or international applicants are ineligible. The funding opportunities from state agencies or institutions are not available for International researchers, thus they are not included in this report.

Catalog of Federal Domestic Assistance (CFDA) and Other Resources

The Catalog of Federal Domestic Assistance (CFDA) is a free, federally supported, searchable database that provides a full listing of all Federal programs available to US state and local governments; domestic public, quasi-public, and private profit and non-profit organizations and institutions; specialized groups; and individuals. CFDA is an excellent resource for funding opportunities, as it contains detailed program descriptions for nearly all federal grant programs. Some federal organizations do not provide detailed program information on their Web sites, and thus the CFDA can help simplify your search. In this document, sponsor summaries include recommendations to use CFDA and include direct links to the respective federal organization listings.

Grants.gov is another valuable resource for searching for federal research grant opportunities. Grants.gov is also a free, federally supported, searchable database that provide detailed information about funding opportunities across the 26 federal grantmaking organizations. Federal organizations are required by law to post all open funding opportunities on Grants.gov and thus information is updated frequently.

In addition, Grants.gov is a tool for submitting proposal application packages to the different federal organizations, and thus you may see references to submitting applications through Grants.gov in many federal funding program solicitations. If your institution is required to submit through Grants.gov but is not currently registered in the system, instructions are provided on the Grants.gov Website.

Finally, the Website <u>USASpending.gov</u> is another resource that can show you what U.S. federal grants have already been awarded to entities in a particular country. Every entity that receives U.S. federal funding is required to report this to the USASpending.gov, and thus, it would be possible for you to identify all of the entities in a particular country that has received U.S. federal grants, the topics, and any partners that they have. Both grants and subawards can be searched, and it is often a powerful tool for identifying potential partners in a specific country as well as a source of information regarding entities that have already successfully applied for U.S. federal grants.

III. NON-FEDERAL GRANT OPPORTUNITIES

Private Funding/Non-Profit Funding Landscape

Foundations and non-profits are financially supported in a variety of ways, such as with private contributions, government grants, fees for services, tax revenue, and interest from investments.

In the US, there are typically three sources of external funding to support research: *government* (i.e., federal, state, and local), *private business and industry*, and charitable giving through *non-profits/ foundations*. The Foundation Center, the leading source of information on US philanthropy, defines a private foundation as a non-governmental, non-profit organization that is managed by a set of trustees and executive management within the foundation.³ Generally, a private foundation receives most of its money from a single source, such as a single family or a

³http://grantspace.org/tools/knowledge-base/Funding-Resources/Foundations/private-foundations-vs-public-charities



² https://www.cfda.gov/



corporation, and focuses on supporting philanthropic activities. According to the requirements set forth by the US Internal Revenue Service (IRS), "private foundations and public charities are distinguished primarily by the level of public involvement in their activities." 4

A non-profit organization is deemed "charitable" if it directs its resources toward the public good in areas such as "religious, educational, charitable, scientific, literary, testing for public safety, literary or educational purposes, or to foster national or international amateur sports competition, or prevention of cruelty to children or animals." In addition, there are grantmaking public charities that gain support from a wide range of sources, including private foundations, government agencies, and individuals. Charitable organizations and private foundations are typically registered with the IRS under category 501(c)(3), which means those entities have applied for and been granted taxexempt status.

According to a Foundation Center's <u>2014 Key Facts on US Foundations Report</u>,⁶ in 2012 the US had more than 86,192 foundations with \$715 billion in assets and \$52 billion in giving. Although most US foundations support efforts in their local communities, there are foundations that support international work. Top funding categories for such international work are health, international development/relief, and protecting the environment and animals.

Sponsor Summaries: Selected Non-Federal Funding Opportunities

Since the US has an abundance of private funding organizations, both small and large, it would be impractical to provide a profile of every funding agency. Therefore, to help keep the information relevant and targeted towards EU researchers, this report provides a curated collection of 31 US foundation overviews and opportunities available to international researchers. This collection, which highlights some of the more well-known and larger entities, was assembled based on commonly researched disciplines. These selected organizations are a proportionate representation of funding by discipline. Because the collection is curated, it is not comprehensive, but rather a snapshot of the US private funding landscape.

IV. ADDITIONAL INFORMATION

To access a wide range of US federal and non-federal funding opportunities, EU researchers may wish to consider subscribing to one or more of the following resources for regular and easy access to US and other international funding opportunities.

- COS/Pivot: An online database of global funding opportunities available only to paid subscribers.
- <u>Foundation Directory:</u> An online database with more than 140,000 grantmaker profiles available only to paid subscribers.
- <u>Grants.gov:</u> A free, federally supported, searchable database that provides detailed information about funding opportunities across the 26 federal grantmaking organizations.
- <u>Guidestar</u>: A free database of federal tax forms filed by non-profit organizations that show to which organizations they provided grants and other financial support.
- <u>SPIN</u>: An online database that provides access to more than 40,000 opportunities from more than 10,000 global sponsors. Available only to paid subscribers.
- <u>EURAXESS Links North America</u>: A website provides specific information on funding opportunities for EU-US cooperation.

⁶http://foundationcenter.org/gainknowledge/research/keyfacts2014/pdfs/Key_Facts_on_US_Foundations_2014.pdf



⁴ https://www.irs.gov/charities-non-profits/eo-operational-requirements-private-foundations-and-public-charities

⁵ https://www.irs.gov/irm/part7/irm_07-025-003.html



V. DISCLAIMER

The material contained within this report is based on publicly available information. While the authors have made reasonable efforts to ensure the information is accurate by using funding agencies' official statements and Websites, the authors do not guarantee its veracity, completeness, or fitness for a particular purpose. Any information used herein is at the sole risk of the reader.





GLOSSARY

- **501(c)(3):** The portion of the US Internal Revenue Code that allows nonprofit organizations, specifically those that are considered public charities, private foundations or private operating foundations, to be exempt from paying taxes.⁷
- Awardee: A non-federal organization that receives a grant, cooperative agreement, fixed-price contract, or other
 funding instrument to conduct a project or provide a service. "Awardee" often is used interchangeably with
 "grantee".
- Catalog of Federal Domestic Assistance (CFDA): A free, federally supported, searchable database that provides a full listing of all Federal programs available to US state and local governments; domestic public, quasi-public, and private profit and non-profit organizations and institutions; specialized groups; and individuals.
- Cooperative Agreements: Legal instruments of financial assistance between the awarding federal organizations, the awardee, and/or pass-through entities (also called "subrecipients"). They differ from grants in that significant involvement between the Federal agency/pass-through and the non-Federal awarded entity is expected to carry out the activity.
- **COS/Pivot:** An online database of global funding opportunities available only to paid subscribers.
- *Federal Organizations:* Agencies created by the US federal government for the purpose of managing national resources, finances, or security matters. Their primary source of income is US taxpayer dollars, and annual budgets are approved by the US Congress. Examples of federal organizations are the National Science Foundation, National Endowment for the Arts, and the Department of Defense.
- *Fixed Price Contract:* A type of contract where the payment is set and does not depend on resources or time spent. ¹⁰
- *Grant:* A legal instrument of financial assistance with the purpose of transferring anything of value to carry out a public purpose. Substantial involvement between the grantor and the receiving entity usually is not required or expected. Grants are not expected to be repaid. 11
- *Grantee:* A non-federal organization that receives a grant, cooperative agreement, fixed-price contract, or other funding instrument to conduct a project or provide a service.
- **Grantor:** A federal or non-federal/non-profit organization that funds a project by providing the grantee with a grant, cooperative agreement, fixed-price contract, or other funding instrument to conduct a project or provide a service.
- *Grants.gov*: A free, US federally supported, searchable database that provide detailed information about funding opportunities across the 26 federal grantmaking organizations.

¹¹ http://www.grants.gov/web/grants/learn-grants/grant-terminology.html



⁷ https://www.501c3.org/what-is-a-501c3/

⁸ http://www.grants.gov/web/grants/learn-grants/grant-terminology.html#F

⁹ http://www.investopedia.com/terms/f/federal-agencies.asp

¹⁰ https://www.ouhsc.edu/financialservices/GC/definitions.asp



- *Internal Revenue Service*: US government agency responsible for the collection of taxes and enforcement of tax laws¹².
- Pass-Through: A grantee awards a portion of the funds from a grant or other award instrument to an outside
 organization (e.g., university, research lab, company) to conduct a portion of the work for the funded project.
 Funds are provided to the organization through a subaward; the organization is referred to as a "subrecipient".
- Principal Investigator: The primary individual responsible for the preparation, conduct, and administration of a research grant, cooperative agreement, training or public service project, contract, or other sponsored project in compliance with applicable laws and regulations and institutional policy governing the conduct of sponsored research.¹³
- **Non-Federal Organizations:** Created by individuals or other non-government entities for a specific purpose and operate independent of federal oversight. Their primary source of income may be cash or investments provided by companies, individuals, endowments, or other non-federal sources. Examples of non-federal organizations are private, not-for-profit organizations such as the John D. and Catherine T. MacArthur Foundation, the American Psychological Foundation, and the Russell Sage Foundation.
- **Non-Profit Organizations:** Any organization that is: (a) operated for primarily scientific, educational, service charitable or similar purposes in the public interest or similar purposes in the public interest; (b) is not organized primarily for profit, and (c) uses net proceeds to maintain, improve or expand the operations of the organization. ¹⁴ In the US, non-profit organizations have a special tax status [US Internal Revenue Service 501 (c)(3)], which lowers or eliminates the amount of taxes the organization must pay to the federal and/or state and local governments.
- Private Foundations: A non-governmental, non-profit organization that has a principle fund managed by its own trustees or directors. These organizations often maintain or aid charities serving a public good. Organizations that are not considered to be private foundations are institutions such as hospitals or universities and those that generally have broad public support or actively function in a supporting relationship to such organizations. ¹⁵
- **Sponsor/Sponsored Project:** A federal or non-federal/non-profit organization that funds and thus "sponsors" a project by providing the grantee with a grant, cooperative agreement, fixed-price contract, or other funding instrument to conduct a project or provide a service.
- **Subaward:** An instrument of financial assistance made under an award in which the grantee distributes a portion of the grant award to an eligible subrecipient. The term includes financial assistance when provided by any legal agreement, even if the agreement is called a contract, but does not include procurement of goods and services. ¹⁶
- **Subrecipient:** A non-Federal entity that receives a subaward from a pass-through entity to carry out part of a Federal program; but does not include an individual that is a beneficiary of such program. A subrecipient may also be a recipient of other Federal awards directly from a Federal awarding agency.¹⁷

¹⁷ http://www.grants.gov/web/grants/learn-grants/grant-terminology.html



¹² http://www.investopedia.com/terms/f/federal-agencies.asp

¹³ https://www.umass.edu/research/policy/pi-and-co-pi-roles-and-responsibilities

¹⁴ http://www.grants.gov/web/grants/learn-grants/grant-terminology.html#F

http://grantspace.org/tools/knowledge-base/Funding-Resources/Foundations/private-foundations-vs-public-charities

http://www.dartmouth.edu/~osp/faq/subagree.html

https://www.whitehouse.gov/omb/circulars_a110#2



U.S. FEDERAL FUNDING OPPORTUNITIES



FUNDER/SPONSOR: U.S. DEPARTMENT OF HEALTH & HUMAN SERVICES (DHHS)

FUNDER SPONSOR TYPE: Federal Agency

FOREIGN RESEARCHER ALLOWANCES: Announced in individual funding program solicitations

ACADEMIC DISCIPLINES: Medicine, Public Health, Nursing, Biomedicine, Mental Health, Computation, Bioengineering

I. ORGANIZATIONAL MISSION STATEMENT

To enhance and protect the health and well-being of all Americans DHHS fulfills its mission by providing for effective health and human services and fostering advances in medicine, public health, and social services.

II. AREAS OF FOCUS

- Medicine
- Public health
- Social services

III. ORGANIZATIONAL STRUCTURE

DHHS has <u>11 operating divisions</u>, including eight agencies in the U.S. Public Health Service and three human services agencies. These divisions, which include the <u>National Institutes of Health</u>, <u>Food and Drug Administration</u>, and the <u>Centers for Disease Control and Prevention</u>, administer a wide variety of health and human services and conduct lifesaving research for the nation.

In general, DHHS grants may be awarded to domestic public or private, non-profit or for-profit organizations. In some cases, grants also may be made to foreign or international organizations. Eligibility for a particular funding opportunity is specified in the respective funding opportunity announcement.

The National Institutes of Health (NIH), the leading supporter of biomedical research in the world, is one the largest divisions within the DHHS. NIH is made up of 27 Institutes and Centers (ICs), each with its own specific research agenda, often focusing on particular diseases or body systems. The mission and priorities of each IC are stated on their individual websites. Each type of NIH grant program has its own set of eligibility requirements. Basic, applied, and clinical research is support. Applicants can find eligibility information in Section III of each funding opportunity announcement (FOA).

Citizenship: Generally, PIs and other personnel supported by NIH research grants are not required to be U.S. citizens; however, some NIH programs/mechanisms have a citizenship requirement. Any citizenship requirement will be stated in the program announcement or request for applications.

Foreign Institutions/Organizations: Generally, foreign institutions and international organizations, including public or private non-profit or for-profit organizations, are eligible to apply for research project grants. Foreign institutions and international organizations are not eligible to apply for national research service awards, institutional research training grants, program project grants, center grants, resource grants, SBIR/STTR grants, or construction grants. However, some activity codes, such as program project grants (P01), may support projects awarded to a domestic institution with a foreign component. For purposes of this policy, a "foreign component" is defined as performance of any significant element or segment of the project outside the U.S. either by the grantee or by a researcher employed by a foreign institution, whether or not grant funds are expended. Proposed research should provide special opportunities for furthering research programs through the use of unusual talent, resources, populations, or environmental conditions in other countries that are not readily available in the U.S. or that augment existing U.S. resources.





Foreign applicants are strongly encouraged to review the eligibility section of the respective FOA to determine whether their non-U.S. entity (foreign organization) is eligible to respond to that particular FOA. Additional information on grants to foreign institutions, international organizations and domestic grants with foreign components is found in the NIH Grants Policy Statement.

IV. FUNDING MECHANISMS

- Grants
- Contracts
- Cooperative agreements
- Subawards: Foreign entities may be eligible

- Eligibility for foreign applicants and collaborators is noted in each synopsis; complete eligibility information is
 provided in the full solicitation of the respective grant opportunity. Read the funding opportunity carefully to
 determine whether non-U.S. researchers/institutions are eligible to apply. Streamline your search by scanning the
 document by the keywords "eligibility," "foreign," and "international."
- Search the <u>Catalog of Federal Domestic Assistance</u> (CFDA site: <u>Department of Health and Human Services</u>). To
 view a synopsis of a grant opportunity, click the magnifying glass icon in the respective listing. Each synopsis
 provides the respective program authorization, objectives, assistance type (e.g., grants), use and restrictions,
 eligibility requirements, application and award process, and contact information, and more.
- Send your questions about research topics or eligibility to the program officer or other point of contact identified in the funding opportunity.





FUNDER/SPONSOR: U.S. DEPARTMENT OF HOMELAND SECURITY (DHS)

FUNDER SPONSOR TYPE: Federal Agency

FOREIGN RESEARCHER ALLOWANCES: Closed

ACADEMIC DISCIPLINES: Science and Technology, Research and Development

I. ORGANIZATIONAL MISSION STATEMENT

To secure the nation from the many threats it faces. Three concepts form the foundation of the U.S. national homeland security strategy: security, resilience, and customs and exchange.

II. AREAS OF FOCUS

- · Preventing terrorism and enhancing security
- Managing U.S. borders
- Administering immigration laws
- Securing cyberspace
- Ensuring disaster resilience

III. ORGANIZATIONAL STRUCTURE

Below is a list of all of the operation and support components under the DHS.

- United States Citizenship and Immigration Services (USCIS)
- United States Customs and Border Protection (CBP)
- United States Coast Guard (USCG)
- Federal Emergency Management Agency (FEMA)
- Federal Law Enforcement Training Center (FLETC)
- United States Immigration and Customs Enforcement (ICE)
- Transportation Security Administration (TSA)
- United States Secret Service (USSS)

The Department of Homeland Security provides grants to enhance the ability of regional authorities to prepare, prevent, and respond to terrorist attacks and other disasters. Funding opportunities are limited to the U.S. regional authorities.

IV. FUNDING MECHANISMS

- Grants
- Cooperative agreements
- Subawards: Foreign entities may be eligible

- Search the <u>Catalog of Federal Domestic Assistance</u> (CFDA site: <u>Department of Homeland Security</u>). To view a
 synopsis of a grant opportunity, click the magnifying glass icon in the respective listing. Each synopsis provides the
 respective program authorization, objectives, assistance type (e.g., grants), use and restrictions, eligibility
 requirements, application and award process, and contact information, and more.
- Send your questions about research topics or eligibility to the program officer or other point of contact identified in the funding opportunity.





FUNDER/SPONSOR: U.S. DEPARTMENT OF COMMERCE (DOC)

FUNDER SPONSOR TYPE: Federal Agency

FOREIGN RESEARCHER ALLOWANCES: Unrestricted

ACADEMIC DISCIPLINES: Business, Economics, Environment, Engineering, Science and Technology

I. ORGANIZATIONAL MISSION STATEMENT

To create the conditions for economic growth and opportunity. The Department of Commerce works with businesses, universities, communities, and the Nation's workers to promote job creation, economic growth, sustainable development, and improved standards of living for Americans. Through its 12 bureaus and nearly 47,000 employees located in all 50 states and territories and more than 86 countries worldwide, the Department administers critical programs that touch the lives of every American.

II. AREAS OF FOCUS

- Trade and investment
- Environment
- Data
- Telecommunications
- Oceanic research

III. ORGANIZATIONAL STRUCTURE

The Department is under the purview of the Executive Office of the President of the United States and comprises 12 bureaus that work together to drive progress in the five business-facing areas of focus listed above.

1. Economic Development Administration (EDA)

EDA is the only federal government agency focused exclusively on economic development and plays a critical role in fostering regional economic development efforts in communities across the nation. Through strategic investments that foster job creation and attract private investment, EDA supports development in economically distressed areas of the U.S. EDA grants help to fulfill regional economic development strategies designed to accelerate innovation and entrepreneurship, advance regional competitiveness, create higher-skill, living-wage jobs, generate private investment, and fortify and grow industry clusters.

2. International Trade Administration (ITA)

ITA strengthens the competitiveness of U.S. industry, promotes trade and investment, and ensures fair trade through the rigorous enforcement of U.S. trade laws and agreements. ITA works to improve the global business environment and helps U.S. organizations compete at home and abroad. Grant programs include:

- Market Development Cooperator Program
- Special American Business Internship Training Program (SABIT)
- 3. National Institute of Standards and Technology

NIST connects world-class science to real-world applications. With a varied research portfolio, unique facilities, national networks and international partnerships on standards and technology, NIST works to support U.S. industry and innovation. From cybersecurity to mammograms and advanced manufacturing, innumerable technologies, services and products rely upon NIST expertise, measurement, and standards. NIST has a century-long tradition of partnering with business, universities, and other government agencies to support the nation's vast innovation ecosystem. NIST has three central programs:

- The NIST Laboratories Program
- The Hollings Manufacturing Extension Program (MEP)
- The Baldrige Performance and Excellence Program (BPEP)
 NIST Funding Opportunities





4. National Telecommunications and Information Administration (NTIA)

NTIA is an Executive Branch agency responsible by law for advising the President on telecommunications and information policy issues. NTIA's programs and policymaking focus largely on expanding broadband Internet access and adoption in America, expanding the use of spectrum by all users, and ensuring that the Internet remains an engine for continued innovation and economic growth. These goals are critical to America's competitiveness in the 21st century global economy and to addressing many of the nation's most pressing needs, such as improving education, health care, and public safety. Telecommunications Funding Opportunities

5. National Oceanic & Atmospheric Administration (NOAA)

NOAA enriches life through science. From the surface of the sun to the depths of the ocean floor, NOAA works to keep citizens informed of the changing environment around them. NOAA's mission is to understand and predict changes in climate, weather, oceans and coastal to share the knowledge and information with others; and to conserve and manage coastal and marine ecosystems and resources. NOAA Funding Opportunities

IV. FUNDING MECHANISMS

- Grants
- Cooperative agreements
- Subawards: Foreign entities may be eligible

- Complete eligibility information is provided in the full solicitation of the respective grant opportunity. Read the funding opportunity carefully to determine whether non-U.S. researchers/institutions are eligible to apply. Streamline your search by scanning the document by the keywords "eligibility," "foreign," and "international."
- Search the <u>Catalog of Federal Domestic Assistance</u> (CFDA site: <u>Department of Commerce</u>). To view a synopsis of a
 grant opportunity, click the magnifying glass icon in the respective listing. Each synopsis provides the respective
 program authorization, objectives, assistance type (e.g., grants), use and restrictions, eligibility requirements,
 application and award process, and contact information, and more.
- Send your questions about research topics or eligibility to the program officer or other point of contact identified in the funding opportunity.





FUNDER/SPONSOR: U.S. DEPARTMENT OF DEFENSE (DOD)

FUNDER SPONSOR TYPE: Federal Agency

FOREIGN RESEARCHER ALLOWANCES: Open/Limited/Closed

ACADEMIC DISCIPLINES: Engineering, Environmental Sciences, Psychological/Medical Funding, Computer science, Information science, Physical sciences, Mathematics

I. ORGANIZATIONAL MISSION STATEMENT

The Department of Defense has a complex organizational structure for procuring goods, services—including research and development—and property, in addition to managing the United States' military affairs. The DOD engages in procurement (contracts) and assistance agreements (grants) at all levels of its structure, including within its defense agencies (e.g., Defense Advanced Research Projects Agency [DARPA]) and military departments' agencies (e.g., Department of Navy's Office for Naval Research).

At its highest level, the mission statement of the DOD is to provide military forces for defense and security. Within this broad mission, the DOD seeks to funds both short- and long-term endeavors which further science, technology and engineering projects.

II. AREAS OF FOCUS

- Autonomy
- Counter weapons of mass destruction
- Cyber sciences
- Data-to-decisions
- Electronic warfare
- Engineered resilient systems
- Human systems

III. ORGANIZATIONAL STRUCTURE.

Through its complex hierarchical organization of departments and agencies, the DOD maintains one of the most significant research operations in the entire U.S. sponsored landscape, and it is particularly known for funding high-risk projects that seek to exploit new knowledge.

DOD provides funding for basic research ("Budget Activity 6.1"), applied research ("Budget Activity 6.2") and advanced technology development (Budget Activity 6.3"). Basic research is defined as "systematic study directed toward greater knowledge or understanding of the fundamental aspects of phenomena and of observable facts without specific applications towards processes or products in mind." This includes study and experimentation aimed at building fundamental knowledge in areas of discipline "related to long-term national security needs."

Basic research can, and often does, lead to applied research, which is defined as "systematic expansion and application" for a specific need to "develop useful materials, devices, and systems or methods." Combining and integrating multiple systems practiced under applied science could in turn lead to advanced technology development, where defense systems are tested. Many academic and research-focus institutions limit their focus to basic research grants and contracts due to the potential academic and confidentiality restrictions associated with applied science and advanced technology development.

As with other large branches of U.S. government, the DOD has multiple units which operate independently and according to statutes and regulations. Most divisions within DOD post opportunities on www.fedbizopps.gov and www.grants.gov, and accept unsolicited proposals

(i.e., through Program Officer contact and white paper acceptance) relevant to the DOD's research mission, although most utilize Broad Agency Announcements (BAAs) and Requests for Proposals (RFPs) to gather solicited proposals.





Research is normally funded by the following agencies or departments:

<u>Defense Advanced Research Projects Agency (DARPA):</u> Typically funds high-risk, high-impact projects, focusing on transformational change rather than incremental achievements.

<u>Air Force Office of Sponsored Research (AFOSR):</u> Enacting the research agenda of the Air Force Research Laboratory's (AFRL) basic research program, AFOSR focuses on four areas: Engineering and Complex Systems, Information and Networks, Physical Sciences, and Chemistry and Biological Sciences.

<u>Army Research Office (ARO):</u> With a long range-view for technologies that might benefit the Army by developing and improving weapons systems and establishing ground forces, ARO funds projects that encourage scientist training, develop technologies which combat new and emerging threats, and advance military systems.

Office of Naval Research (ONR): Established as the first agency within the U.S. government dedicated to funding civilian scientific research during peacetime, ONR supports projects which have a naval and marine applications.

US Army Medical Research & Materiel Command, which oversees the <u>Congressionally Directed Medical Research</u>

<u>Programs (CDMRP)</u>: CDMRP is a collection of programmatic funding opportunities that target more 30 different types of disease and health issues, including breast, prostate, and ovarian cancers.

IV. FUNDING MECHANISMS

- Grants
- Fixed-price contracts
- Cooperative agreements
- Small Business Innovation Research (SBIR)
- Small Business Technology Transfer (STTR)

V. GRANT-SEEKING RECOMMENDATIONS

Begin searching for grant opportunities by clicking on the links of the divisions above that most closely matches your research interests.

- Use the search function in the respective Website to identify relevant funding opportunities.
- DOD only identifies eligible applicants in the individual funding opportunity announcements. Read the funding opportunity carefully to determine whether non-U.S. researchers/institutions are eligible to apply. Streamline your search by scanning the document by the keywords "eligibility," "foreign," and "international."
- Send your questions about research topics or eligibility to the program officer or other point of contact identified in the funding opportunity.
- Foreign research can qualify for many of the BAAs and RFPs above, but only a fraction of DOD research funds is spent overseas. However, it has been recognized as an area of potential investment and expansion by several task forces within the DOD. To start, it is recommended that researchers first invest time to familiarize themselves with DOD's agency current agendas and missions to see if their particular research aligns. The DOD, unlike the National Science Foundation or other grant- and contract-generating divisions of the U.S. government, does not simply fund research for the sheer advancement of knowledge; rather, any project must address specific needs for defense applications.
- Foreign researchers should also make themselves aware of potential restrictions on clearance and access to certain data or information, especially if it is proprietary in nature. This is less true of 6.1 initiatives than 6.2 and 6.3 funded awards. Furthermore, entities located outside of the U.S. will have the responsibility to ensure that the research staff is able to complete the work without intercession by the DOD for a J-1 Visa Waiver if foreign national is working the U.S., e.g., on an exchange program.
- Coordination with DOD's seven overseas laboratories—U.S. Army and Navy labs located in Egypt, Kenya, Indonesia, Thailand, Brazil, Peru and Germany—is an area of collaborative funding, although not a guarantee to access DOD funds.





FUNDER/SPONSOR: DEPARTMENT OF ENERGY, OFFICE OF SCIENCE (DOE-SC)

FUNDER SPONSOR TYPE: Federal Agency

FOREIGN RESEARCHER ALLOWANCES: Open

ACADEMIC DISCIPLINES: Energy research, Environmental Sciences, Physical Sciences, Physics, Nuclear Physics, Computer Science, Nanoscience, Engineering, Applied Mathematics

I. ORGANIZATIONAL MISSION STATEMENT

DOE's Office of Science is one of the main federal supporters of energy and physical science research. DOE-SC's mission consists of three parts: (1) using science to meet a "national need" by advancing clean energy production, storage, transmission and use, as well as advancing climate sciences; (2) using science for discovery of the universe's beginnings, understanding of atomic particles, and all of the systems of the natural world; and (3) providing the nation's researchers with the most advanced facilities, tools and equipment to perform such science.

The DOE-SC supports (1) peer-reviewed, direct-funded scientific research, and (2) the development, construction and operation of open-access user facilities.

II. AREAS OF FOCUS

- Advanced scientific computing research
- Basic energy sciences
- Biological and environmental research
- Fusion energy sciences
- High-energy physics
- Nuclear physics

III. ORGANIZATIONAL STRUCTURE

To enact its dual functions of research and user-facility support, the DOE-SC has a fairly streamlined organization consisting of six topically arranged scientific offices for research and ten National Laboratories. In addition to posting Funding Opportunity Announcements (FOAs) on the Office for Science website, solicited opportunities are listed on www.grants.gov. The scientific offices and their funding objectives are as follows:

<u>Advanced Scientific Computing Research (ASCR):</u> Supports applied mathematics, computer science, high-performance networks, computational partnerships (SciDAC) and educational programs.

<u>Basic Energy Sciences (BES):</u> Supports research which targets understanding, prediction and control of energy and matter at an atomic and molecular level.

<u>Biological and Environmental Research (BER):</u> Supports biological and environmental research which addresses global challenges, such as climate and biogeochemical problems.

<u>Fusion Energy Sciences (FES): Supports</u> research projects aimed at fusion energy, which attempts to understand plasma physics and how to harness that energy for a sustainable, clean and renewable source.

<u>High-Energy Physics (HEP):</u> By advancing cosmic, intensity and energy frontiers, HEP funds the development of new accelerator technologies to explore matter and energy, the interactions between them and the nature of space and time.

<u>Nuclear Physics (NP):</u> By supporting a broad, interdisciplinary approach, NP encourages researchers to continue to explore and map the nucleus of the atom.

In addition, DOE-SC operates the following National laboratories:





- Ames Laboratory
- Brookhaven National Laboratory
- Lawrence Berkeley National Laboratory
- Pacific Northwest National Laboratory
- SLAC National Accelerator Laboratory

IV. FUNDING MECHANISMS

- Grants
- Fixed-price contracts
- Cooperative agreements
- Small Business Innovation Research (SBIR)
- Small Business Technology Transfer (STTR)

- Argonne National Laboratory
- Fermi National Accelerator Laboratory
- Oak Ridge National Laboratory
- Princeton Plasma Physics Laboratory
- Thomas Jefferson National Accelerator Facility

- Begin searching for grant opportunities by clicking on the links of the divisions above that most closely matches
 your research interests.
- Use the search function in the respective Website to identify relevant funding opportunities.
- Read the funding opportunity carefully to determine whether non-U.S. researchers/institutions are eligible to apply. Streamline your search by scanning the document by the keywords "eligibility," "foreign," and "international."
- Send your questions about research topics or eligibility to the program officer or other point of contact identified in the funding opportunity.
- Foreign researchers are eligible for many of the FOAs offered.





FUNDER/SPONSOR: U.S. DEPARTMENT OF THE INTERIOR (DOI)

FUNDER SPONSOR TYPE: Federal Agency

FOREIGN RESEARCHER ALLOWANCES: Announced in individual funding program solicitations

ACADEMIC DISCIPLINES: Physics, Environmental Engineering, Biological Sciences, Geology

I. ORGANIZATIONAL MISSION STATEMENT

The Department of the Interior protects America's natural resources and heritage, honors its cultures and tribal communities, and supplies the energy to power its future. The DOI fosters the intrinsic link between healthy economies and healthy landscapes, increasing tourism and outdoor recreation in balance with preservation and conservation.

II. AREAS OF FOCUS

- Land and water conservation
- Climate change
- Endangered national habitats and plant/animal species
- Forestry
- Renewable energy

III. ORGANIZATIONAL STRUCTURE

The DOI has nine <u>technical bureaus</u> and a number of <u>offices</u> that fall under the Office of the Secretary, the Assistant Secretary for Policy, Management and Budget, Solicitor's Office and Office of the Inspector General.

The DOI's Office of Acquisition and Property Management oversees the overall implementation of the Department's procurement and grant programs. Each bureau, as well as other major organizations within DOI, has its own procurement office. Points of contact are provided for each bureau on the Financial Assistance page of the DOI website.

IV. FUNDING MECHANISMS

- Grants
- Cooperative agreements
- Subawards: Foreign entities may be eligible

- The complexity of the DOI makes it difficult to find specific grant opportunities on the DOI Website and that of its respective bureaus. The most efficient way to search for opportunities is to use the <u>Catalog of Federal Domestic Assistance</u> (CFDA). To obtain a list of the available grant opportunities within DOI across the bureaus, in the "Agency" section of the CFDA website, click the link for "<u>Department of the Interior</u>".
- To view a synopsis of a grant opportunity, click the magnifying glass icon in the respective listing. Each synopsis provides the respective program authorization, objectives, assistance type (e.g., grants), use and restrictions, eligibility requirements, application and award process, and contact information, and more.
- Eligibility for foreign applicants and collaborators is noted in each synopsis; complete eligibility information is provided in the full solicitation of the respective grant opportunity. Read the funding opportunity carefully to determine whether non-U.S. researchers/institutions are eligible to apply. Streamline your search by scanning the document by the keywords "eligibility," "foreign," and "international."
- Send your questions about research topics or eligibility to the program officer or other point of contact identified in the funding opportunity.





FUNDER/SPONSOR: U.S. DEPARTMENT OF JUSTICE (DOJ)

FUNDER SPONSOR TYPE: Federal Agency

FOREIGN RESEARCHER ALLOWANCES: Announced in individual funding program solicitations

ACADEMIC DISCIPLINES: Law, Criminal Justice, Social Sciences, Biosciences

I. ORGANIZATIONAL MISSION STATEMENT

To enforce the law and defend the interests of the United States according to the law; to ensure public safety against threats foreign and domestic; to provide federal leadership in preventing and controlling crime; to seek just punishment for those guilty of unlawful behavior; and to ensure fair and impartial administration of justice for all Americans.

II. AREAS OF FOCUS

- Law enforcement
- Criminal justice
- Legal policy
- Corrections
- Forensic science

III. ORGANIZATIONAL STRUCTURE

The DOJ is one of the largest federal agencies, with <u>60 agencies</u> that operate independently. DOJ was founded in 1870 to handle all criminal prosecutions and civil suits in which the United States had an interest. The structure of the DOJ includes the offices of the Attorney General, Federal Bureau of Investigation (FBI), U.S. Marshals Service, and Drug Enforcement Agency (DEA). The DOJ is the world's largest law office and the chief enforcer of federal laws.

DOJ has three grant-making components: the Office of Community Oriented Policing Services (COPS); the Office of Justice Programs (OJP) comprised of six bureaus and program offices; and the Office on Violence Against Women (OVW). These agencies are responsible for awarding federal financial assistance to support law enforcement and public safety activities in state, local, and tribal jurisdictions; to assist victims of crime; to provide training and technical assistance; to conduct research; and to implement programs that improve the criminal, civil, and juvenile justice systems.

IV. FUNDING MECHANISMS

- Grants
- Cooperative agreements
- Subawards: Foreign entities may be eligible

- DOJ posts and organizes its grant opportunities through the <u>DOJ Program Plan</u>, a tool that provides summary
 details of the funding opportunities each DOJ grant-making component is expecting to release or has released in
 the current fiscal year. The Program Plan can be filtered by the various grant-making components or office (i.e.,
 COPS, OJP bureaus and offices, and OVW), keywords, eligible applicant categories and subcategories, and
 expected release date.
- Also search the <u>Catalog of Federal Domestic Assistance</u> (CFDA site: <u>Department of Justice</u>). To view a synopsis of a grant opportunity, click the magnifying glass icon in the respective listing. Each synopsis provides the respective program authorization, objectives, assistance type (e.g., grants), use and restrictions, eligibility requirements, application and award process, and contact information, and more.





Eligibility for foreign applicants and collaborators is noted in each synopsis; complete eligibility information is provided in the full solicitation of the respective grant opportunity. Read the funding opportunity carefully to determine whether non-U.S. researchers/ institutions are eligible to apply. Streamline your search by scanning the document by the keywords "eligibility," "foreign," and "international."

• Send your questions about research topics or eligibility to the program officer or other point of contact identified in the funding opportunity.





FUNDER/SPONSOR: U.S. DEPARTMENT OF LABOR (DOL)

FUNDER SPONSOR TYPE: Federal Agency

FOREIGN RESEARCHER ALLOWANCES: Open

ACADEMIC DISCIPLINES: Employment, Labor, Training, Human Rights

I. ORGANIZATIONAL MISSION STATEMENT

To foster, promote, and develop the welfare of the wage earners, job seekers, and retirees of the United States; improve working conditions; advance opportunities for profitable employment; and assure work-related benefits and rights.

II. AREAS OF FOCUS

- Labor
- Worker safety
- Working conditions

III. ORGANIZATIONAL STRUCTURE

As an organization with diverse functions, DOL carries out its mission through a number of offices and agencies. These are organized into major program areas, and headed by an Assistant Secretary or other official. The Bureau of International Labor Affairs (ILAB) partners with international organizations, non-governmental organizations, research institutions and universities.

<u>Bureau of International Labor Affairs (ILAB):</u> Leads DOL's efforts to ensure that workers around the world are treated fairly and are able to share in the benefits of the global economy. ILAB's mission is to improve global working conditions, raise living standards, protect workers' ability to exercise their rights, and address the workplace exploitation of children and other vulnerable populations. ILAB's efforts help to ensure a fair playing field for American workers and contribute to stronger export markets for goods made in the U.S. ILAB focuses on:

- Child labor, forced labor and human trafficking
- Trade and labor affairs
- International relations
- Economic and labor research

For more information, visit ILAB /resources/grants and contracts.

<u>Employment & Training Administration (ETA):</u> Contributes to the more efficient functioning of the U.S. labor market by providing high quality job training, employment, labor market information, and income maintenance services primarily through state and local workforce development systems.

IV. FUNDING MECHANISMS

- Grants
- Cooperative agreements
- Subawards: Foreign entities may be eligible





- Search the <u>Catalog of Federal Domestic Assistance</u> (CFDA site: <u>Department of Labor</u>). To view a synopsis of a grant opportunity, click the magnifying glass icon in the respective listing. Each synopsis provides the respective program authorization, objectives, assistance type (e.g., grants), use and restrictions, eligibility requirements, application and award process, and contact information, and more.
- Send your questions about research topics or eligibility to the program officer or other point of contact identified in the funding opportunity.





FUNDER/SPONSOR: U.S. DEPARTMENT OF STATE (DOS)

FUNDER SPONSOR TYPE: Federal Agency

FOREIGN RESEARCHER ALLOWANCES: Open

ACADEMIC DISCIPLINES: Economics, Political Science, Arts and Humanities, Geopolitical Studies, Globalization, Public

Policy, Governance and Regulatory Affairs

I. ORGANIZATIONAL MISSION STATEMENT

The Department of State is tasked with creating and managing the international relations of the U.S. Its mission is to help support activities and projects that create a "peaceful, prosperous, just, and democratic world." Such activities may focus on promoting stability—economic and political—and progress which benefit both American and global citizens.

DOS works closely with the <u>U.S. Agency for International Development</u> (USAID), an independent federal agency tasked with administering civilian foreign aid, to invest in the security and stability of many nations through studying and enhancing political processes, legal frameworks, cultural development, and education/enfranchisement. USAID also runs a significant assistance program through grants to governments, domestic and international nongovernmental organizations, industry, and academic and research institutions.

II. AREAS OF FOCUS

- Humanitarian efforts
- Emergency management
- Human rights
- International affairs
- Civic engagement

- Government
- Culture, art and language
- Security and political science
- Public policy
- Technology and economic policy

III. ORGANIZATIONAL STRUCTURE

The DOS is a vast hierarchical network of bureaus, offices and institutes arranged both by topic and by region. As with other federal departments and agencies that provide grant support, most DOS grant types are listed www.grants.gov and www.fedbizopps.gov, as well as the individual website of the offering bureaus and offices. While many DOS units offer grants, fellowships, and other types of sponsored awards, below are a few with key listings for foreign applicants:

<u>Bureau of Population, Refugees, and Migration (BPRM)</u>: Supporting programs or research efforts related to humanitarian activities, BPRM provides funding opportunities to both non-government organizations (NGOs) and institutions of higher education. Examples of key funding opportunities offered are <u>Global Anti-Corruption</u>
<u>Consortium</u>, and <u>Internet Freedom Core Support for Anti-Censorship Technology</u>.

<u>U.S. Agency for International Development (USAID):</u> As an independent agency which takes its operational guidance from the U.S. President, DOS, and the National Security Council, USAID is divided into six technical offices that work on different aspects to end extreme poverty and create stable, democratic societies. USAID offers contracts, grants and cooperative agreements to solicited and unsolicited applicants from foreign individuals and institutions. Examples include <u>Development Innovation Ventures</u>, <u>Grand Challenges for Development</u>, and <u>Child Health and Survival Grants Program</u>.

<u>Bureau of Educational and Cultural Affairs (ECA):</u> ECA is a unit within DOS aimed at increasing mutual understanding between U.S. and non-U.S. citizens. ECA funds a variety of cultural, educational, academic, diplomatic and sports exchange <u>programs</u>. One such program open to foreign scholars interested in visiting and studying in the U.S. is the <u>Fulbright Visiting Scholar Program</u> to conduct post-doctoral research at U.S. research institutions.





Other programs that are open to foreign researchers and academics include the <u>Fulbright Artic Initiative</u>; the <u>Fulbright-Schuman Program</u>; <u>Study of the U.S. Institutes</u> for Scholars and Secondary Educators; the <u>Fulbright Regional Network for Applied Research (NEXUS) Program</u>; the <u>Fulbright Scholar-in-Residence Program</u>; <u>Museums Connect</u>; and the <u>Hubert H. Humphrey Fellowship Program</u>. All of these programs offer a varying degree of support and opportunity for foreign researchers to conduct simultaneous study and cultural exchange.

IV. FUNDING MECHANISMS

- Grants
- Fixed-price contracts
- Cooperative agreements
- Fellowships

V. GRANT-SEEKING RECOMMENDATIONS

Begin searching for grant opportunities by clicking on the links of the divisions above that most closely matches your research interests.

- Use the search function in the respective website to identify relevant funding opportunities.
- DOS only identifies eligible applicants in the individual funding opportunity announcements. Read the funding opportunity carefully to determine whether non-U.S. researchers/institutions are eligible to apply. Streamline your search by scanning the document by the keywords "eligibility," "foreign," and "international."
- Send your questions about research topics or eligibility to the program officer or other point of contact identified in the funding opportunity.
- Foreign researchers are eligible for many of the FOAs offered.





FUNDER/SPONSOR: U.S. ENVIRONMENTAL PROTECTION AGENCY (EPA)

FUNDER SPONSOR TYPE: Federal Agency

FOREIGN RESEARCHER ALLOWANCES: Open

ACADEMIC DISCIPLINES: Environment, Ecology, Biology, Public Health

I. ORGANIZATIONAL MISSION STATEMENT

The mission of the EPA is to protect human health and the environment. Based on congressional law, the EPA sets national standards that states and tribes enforce through its own regulations. If they fail to meet the national standards, EPA can assist. The EPA also enforces its own regulations, and help companies understand the requirements.

II. AREAS OF FOCUS

- Human health as it relates to the environment
- National efforts to reduce environmental risk
- Federal laws protecting human health and the environment
- Environmental protection concerning natural resources, human health economic growth, energy, transportation, agriculture, industry and international trade

III. ORGANIZATIONAL STRUCTURE

All EPA offices, including 10 regional offices, are housed under the Office of the Administrator:

- Office of Water
- Office of Chemical Safety and Pollution Prevention
- Office of Environmental Information
- Office of International and Tribal Affairs
- Office of Research and Development
- Office of Air and Radiation
- Office of Enforcement and Compliance Assurance
- Office of General Counsel
- Office of Land and Emergency Management

IV. FUNDING MECHANISMS

- Grants
- Cooperative agreements
- Subawards: Foreign entities may be eligible

- Search the <u>Catalog of Federal Domestic Assistance</u> (CFDA site: <u>Environmental Protection Agency</u>). To view a
 synopsis of a grant opportunity, click the magnifying glass icon in the respective listing. Each synopsis provides the
 respective program authorization, objectives, assistance type (e.g., grants), use and restrictions, eligibility
 requirements, application and award process, and contact information, and more.
- Send your questions about research topics eligibility to the program officer or other point of contact identified in the funding opportunity.





FUNDER/SPONSOR: <u>NATIONAL AERONAUTICS AND SPACE ADMINISTRATION</u> (NASA)

FUNDER SPONSOR TYPE: Federal Agency

FOREIGN RESEARCHER ALLOWANCES: Open

ACADEMIC DISCIPLINES: Aeronautics, Science and Technology, Physics, Astronomy

I. ORGANIZATIONAL MISSION STATEMENT

NASA's vision is to reach for new heights and reveal the unknown for the benefit of humankind.

II. AREAS OF FOCUS

Understanding of Earth, the solar system and the universe.

III. ORGANIZATIONAL STRUCTURE

NASA Headquarters, in Washington, provides overall guidance and direction to the agency, under the leadership of the administrator. Ten field centers and a variety of installations conduct the day-to-day work, in laboratories, on air fields, in wind tunnels and in control rooms. Throughout its history, NASA has conducted or funded research that has led to numerous improvements to life on Earth.

NASA conducts its work in four principal organizations, called mission directorates:

- Aeronautics: Manages research focused on meeting global demand for air mobility in ways that are more
 environmentally friendly and sustainable, while also embracing revolutionary technology from outside aviation.
- **Human Exploration and Operations:** Focuses on International Space Station operations, development of commercial spaceflight capabilities and human exploration beyond low-Earth orbit.
- **Science:** Explores the Earth, solar system and universe beyond; charts the best route of discovery; and reaps the benefits of Earth and space exploration for society.
- **Space Technology:** Rapidly develops, innovates, demonstrates, and infuses revolutionary, high-payoff technologies that enable NASA's future missions while providing economic benefit to the Nation.

Supporting research in science and technology is an important part of NASA's overall mission. NASA solicits this research through the release of various <u>research announcements</u> in a wide range of science and technology disciplines. NASA uses a peer-review process to evaluate and select research proposals submitted in response to these research announcements. Researchers can help NASA achieve national research objectives by submitting research proposals and conducting awarded research.

Researchers can search for NASA funding opportunities through the <u>NASA Solicitation and Proposal Integrated Review</u> and <u>Evaluation System</u> (NSPIRES), as well as view open, closed, past, and future NASA research announcements. The full text of the solicitation announcements can be viewed and downloaded. Grant opportunities also are posted on <u>Grants.gov</u>.

IV. FUNDING MECHANISMS

- Grants
- Cooperative agreements
- Subawards: Foreign entities may be eligible





- Eligibility for foreign applicants and collaborators is noted in each synopsis; complete eligibility information is
 provided in the full solicitation of the respective grant opportunity. Read the funding opportunity carefully to
 determine whether non-U.S. researchers/institutions are eligible to apply. Streamline your search by scanning the
 document by the keywords "eligibility," "foreign," and "international."
- Search the <u>Catalog of Federal Domestic Assistance</u> (CFDA site: <u>National Aeronautics and Space Administration</u>). To view a synopsis of a grant opportunity, click the magnifying glass icon in the respective listing. Each synopsis provides the respective program authorization, objectives, assistance type (e.g., grants), use and restrictions, eligibility requirements, application and award process, and contact information, and more.
- Send your questions about research topics or eligibility to the program officer or other point of contact identified in the funding opportunity.





FUNDER/SPONSOR: NATIONAL ENDOWMENT FOR THE ARTS (NEA)

FUNDER SPONSOR TYPE: Federal Agency

FOREIGN RESEARCHER ALLOWANCES: Announced in individual funding program solicitations

ACADEMIC DISCIPLINES: Art, Theatre, Dance, Music, Literature

I. ORGANIZATIONAL MISSION STATEMENT

NEA supports arts learning, affirms and celebrates America's rich and diverse cultural heritage, and extends its work to promote equal access to the arts in every community across America. The NEA extends its work through partnerships with state arts agencies, local leaders, other federal agencies, and the philanthropic sector.

II. AREAS OF FOCUS

- Accessibility
- Arts education
- Design
- International
- Local arts agencies
- Museums
- Opera
- Research & analysis
- Theater and musical theatre

- Artist communities
- Dance
- Folk and traditional arts
- Literature
- Media arts
- Music
- Presenting & multidisciplinary works
- State and regional
- Visual arts

III. ORGANIZATIONAL STRUCTURE

The NEA works with more than 20 other federal agencies, state and local governments, state and regional arts agencies, and private nonprofits on projects that provide opportunities for Americans to experience quality arts programming throughout the country. Through cooperative initiatives with other funders, the NEA brings the benefit of international exchange to arts organizations, artists, and audiences nationwide. NEA's international activities increase recognition of the excellence of U.S. arts around the world and broaden the scope of experience of American artists, thereby enriching the art they create.

Through partnerships with other government agencies and the private sector, the NEA fosters international creative collaboration by strengthening residency programs of foreign artists in communities across the country. Local citizens as well as the arts community benefit from the lasting international ties that result. International Partnerships include:

USArtists International

In Partnership with Mid Atlantic Arts Foundation

Provides support for U.S. dance, music and theater ensembles that have been invited to participate in international festivals outside the U.S.

US/Japan Creative Artists Program

In partnership with Japan-United States Friendship Commission

Provides support for three-month residencies in Japan for five U.S. individual creative artists in any arts discipline.





Southern Exposure

In partnership with Mid Atlantic Arts Foundation and Robert Sterling

Provides support for the presentation of performing artists and ensembles from Latin America in U.S. communities that have little access to this work.

ArtsLink Residencies

In partnership with CECArtslink

Provides support to U.S. arts organizations to host an artist or arts manager from Central Europe, Russia or Eurasia for a five-week residency.

IV. FUNDING MECHANISMS

- Grants
- Cooperative agreements
- Contracts

V. GRANT-SEEKING RECOMMENDATIONS

Send your questions about topics or eligibility to the program officer or other point of contact identified in the funding opportunity.





FUNDER/SPONSOR: NATIONAL SCIENCE FOUNDATION (NSF)

FUNDER SPONSOR TYPE: Federal Agency

FOREIGN RESEARCHER ALLOWANCES: Announced in individual funding program solicitations

ACADEMIC DISCIPLINES: Biological Sciences, Computer Science, Education, Engineering, Mathematics, Physics, Social Sciences,

I. ORGANIZATIONAL MISSION STATEMENT

To promote the progress of science; to advance the national health, prosperity, and welfare; to secure the national defense.

II. AREAS OF FOCUS

- Biological sciences
- Computer and information science and engineering
- Education and human resources
- Engineering
- Environmental research and education
- Geosciences
- International science and engineering
- Mathematical and physical sciences
- Social, behavioral and economic sciences

III. ORGANIZATIONAL STRUCTURE

NSF is divided into the following seven directorates that support science and engineering research and education: Biological Sciences, Computer and Information Science and Engineering, Engineering, Geosciences, Mathematical and Physical Sciences, Social, Behavioral and Economic Sciences, and Education and Human Resources. Each is headed by an assistant director and each is further subdivided into divisions like materials research, ocean sciences and behavioral and cognitive sciences. Within NSF's Office of the Director, the Office of Integrative Activities also supports research and researchers.

The Office of International Science and Engineering (OISE) serves as a focal point for international science and engineering activities both inside and outside NSF. OISE supports programs to expand and enhance leading-edge international research and education opportunities for U.S. scientists and engineers, especially at the early-career stage. It works to build and strengthen effective institutional partnerships throughout the global science and engineering research and education community, and it supports international collaborations in NSF's priority research areas.

NSF rarely provides support to foreign organizations. NSF will consider proposals for cooperative projects involving U.S. and foreign organizations, provided support is requested only for the U.S. portion of the collaborative effort.

IV. FUNDING MECHANISMS

- Grants
- Cooperative agreements

- Eligibility for foreign applicants and collaborators is noted in each synopsis; complete eligibility information is
 provided in the full solicitation of the respective grant opportunity. Read the funding opportunity carefully to
 determine whether non-U.S. researchers/institutions are eligible to apply. Streamline your search by scanning the
 document by the keywords "eligibility," "foreign," and "international."
- Search the <u>Catalog of Federal Domestic Assistance</u> (CFDA site: <u>National Science Foundation</u>). To view a synopsis of
 a grant opportunity, click the magnifying glass icon in the respective listing. Each synopsis provides the respective





program authorization, objectives, assistance type (e.g., grants), use and restrictions, eligibility requirements, application and award process, and contact information, and more.

• Send your questions about research topics or eligibility to the program officer or other point of contact identified in the funding opportunity.





FUNDER/SPONSOR: U.S. DEPARTMENT OF AGRICULTURE (USDA)

FUNDER SPONSOR TYPE: Federal Agency

FOREIGN RESEARCHER ALLOWANCES: Announced in individual funding program solicitations

ACADEMIC DISCIPLINES: Agriculture, Biosciences, Nutrition, Environmental Science, Forestry

I. ORGANIZATIONAL MISSION STATEMENT

The U.S. Department of Agriculture provides leadership on food, agriculture, natural resources, rural development, nutrition, and related issues based on sound public policy, the best available science, and efficient management.

The vision of the USDA is to provide economic opportunity through innovation, helping rural America to thrive; to promote agriculture production that better nourishes Americans while also helping feed others throughout the world; and to preserve the Nation's natural resources through conservation, restored forests, improved watersheds, and healthy private working lands..

II. AREAS OF FOCUS

- Farm and foreign agricultural services
- Food, nutrition and consumer services
- Food safety
- Marketing and regulatory programs
- Natural resources and environment
- Rural development

III. ORGANIZATIONAL STRUCTURE

The USDA is a large, complex organization with many <u>agencies</u> that operate independently. Research funding is usually provided within the following two agencies.

National Institute of Food and Agriculture (NIFA)

NIFA is the USDA's extramural research agency, funding individuals, institutions, and public, private, and non-profit organizations. Grants enable researchers to address problems critical to U.S. farmers and ranchers, consumers, and communities. The U.S. Congress appropriates funds to areas of agriculture and food-related sciences with high potential to address key challenge areas. NIFA funds applied research in a range of high-priority areas:

- Food security
- Water
- Preventing childhood obesity
- Climate variability and change
- Sustainable bioenergy
- Food safety

To find grant opportunities, the NIFA provides a searchable database on its website:

https://nifa.usda.gov/page/search-grant/. Results can be filtered by program, eligibility, and topic. Submitted proposals must be in response to a specific Request for Application; unsolicited proposals are not accepted.

Information regarding institutional and Principle Investigator eligibility for NIFA grant programs is provided only in the respective RFA; thus, researchers must review each appropriate RFA to determine eligibility (located in Part III, A of the RFA). Any requirements, such as citizenship, affecting the eligibility of the PD/PI or others (e.g., trainees) will be specified in the RFA.

Non-U.S. entities are NOT eligible to receive USDA-NIFA grants as prime recipients; however, they ARE eligible to receive grants as subrecipients if the applicant institution deems it necessary and it is justified as furthering the cause





of U.S. agricultural research.

Economic Research Service (ERS)

ERS is the USDA's principal social science research agency. It conducts economic research and provides information to inform public and private decision-making on economic and policy issues related to agriculture, food, natural resources, and rural America. ERS research and analysis covers a broad range of economic and policy topics:

- Agricultural economy
- Food safety
- Resources and environment

- Food and nutrition
- Global markets and trade
- Rural economy

Grant opportunities are posted on the ERS website at http://www.ers.usda.gov/about-ers/grant-funding-opportunities.aspx. Like NIFA, information regarding institutional and Principle Investigator eligibility is provided only in the respective RFA; thus, researchers must review each appropriate RFA to determine eligibility.

In addition, the <u>Foreign Agricultural Service</u> (FAS) is an agency within the USDA that links U.S. agriculture to the world to enhance export opportunities and global food security. While FAS provides food development assistance to 171 countries, including those in the European Union, it does not provide standard research grants.

IV. FUNDING MECHANISMS

- Grants
- Cooperative agreements
- Subawards

V. GRANT-SEEKING RECOMMENDATIONS

- Eligibility for foreign applicants and collaborators is noted in each synopsis; complete eligibility information is provided in the full solicitation of the respective grant opportunity. Read the funding opportunity carefully to determine whether non-U.S. researchers/institutions are eligible to apply. Streamline your search by scanning the document by the keywords "eligibility," "foreign," and "international."
- Search the <u>Catalog of Federal Domestic Assistance</u> (CFDA site: <u>Department of Agriculture</u>). To view a synopsis of a
 grant opportunity, click the magnifying glass icon in the respective listing. Each synopsis provides the respective
 program authorization, objectives, assistance type (e.g., grants), use and restrictions, eligibility requirements,
 application and award process, and contact information, and more.
- Send your questions about research topics or eligibility to the program officer or other point of contact identified in the funding opportunity.





U.S. NON-FEDERAL FUNDING OPPORTUNITIES



FUNDER/SPONSOR: ALZHEIMER'S DRUG DISCOVERY FOUNDATION (ADDF)

FUNDER SPONSOR TYPE: Private/Non-Profit

FOREIGN RESEARCHER ALLOWANCES: Unrestricted

ACADEMIC DISCIPLINES: Pharmacokinetics, Geriatrics, Neurodegenerative Diseases, Drug Design, Alzheimer's disease, Dementia, Pharmaceuticals, Biotechnology

I. ORGANIZATIONAL MISSION STATEMENT

To rapidly accelerate the discovery of drugs to prevent, treat and cure Alzheimer's disease.

II. AREAS OF FOCUS

Drug targets in the following areas:

- Neuroinflammation
- Neuroprotection
- Neuronal energy failure
- ApoE and vascular
- Neuroimaging and biomarkers.

III. ORGANIZATIONAL STRUCTURE

The Board of Governors is the principal board of the Corporation with all legal power and authority to manage, oversee and make decisions regarding programs and activities. Members include leaders from government, industry and the research community. In addition, the Board of Overseers is an advisory body which provides counsel and support to the ADDF.

The ADDF is interested in novel targets and therapeutic approaches for Alzheimer's disease and related dementia, and thus it is open to small molecule, biologic, and gene therapy approaches. ADDF also supports an underfunded area: preclinical drug discovery and early-stage clinical trials of potential drug targets.

Funding is offered to research arts in both the nonprofit and for-profit organizations. The ADDF has a streamlined review process and accepts letter of intent, Request for Proposals on a rolling basis during four cycles each year that correspond with four invited full proposal reviews.

Grant applications are reviewed by the Scientific Review Board, which comprises more than 150 scientists with multiple expertise. The Business Review Board reviews grants applications by biotechnology companies.

IV. FUNDING MECHANISMS

Grants

V. GRANT-SEEKING RECOMMENDATIONS





FUNDER/SPONSOR: <u>AMERICAN FOUNDATION FOR SUICIDE PREVENTION</u> (AFSP)

FUNDER SPONSOR TYPE: Private/Non-Profit

FOREIGN RESEARCHER ALLOWANCES: Open/Limited

ACADEMIC DISCIPLINES: Mental Health, Psychology, Psychometrics, Health Care Policy and Practice, Psychiatry

I. ORGANIZATIONAL MISSION STATEMENT

The largest foundation focused on suicide prevention in the U.S., the American Foundation for Suicide Prevention raises awareness and seeks to provide resources for those affected by suicide, including funding scientific research on ways to prevent suicide.

II. AREAS OF FOCUS

- Suicide
- Mental health
- Loss and healing

III. ORGANIZATIONAL STRUCTURE

AFSP supports research studies that will increase understanding of suicide or test treatments and other interventions that save lives. Funding priorities are defined every two years to stimulate research in understudied areas. Program priority areas for 2014-16 are (1) the high-risk period following discharge from an inpatient hospital or emergency department, and (2) Assessment and/or intervention in primary care settings.

Specific grant programs include:

- Focus Grants
- Postdoctoral Fellowships
- Innovation Research Grants
- Young Investigator Grants
- Pilot Research Grants

Funding caps for these programs range from \$30,000 to \$500,000 USD per year for a period of two to three years. AFSP aims to fund at least one to two rigorously designed priority area grants among those awarded in each cycle. While applications in the priority areas are encouraged, AFSP welcomes all applications related to preventing suicide, and maintains a strong interest in research related to survivors of suicide loss.

Foreign researchers are eligible to apply for direct support as well as working in a collaboration with U.S. investigators.

IV. FUNDING MECHANISMS

Grants

V. GRANT-SEEKING RECOMMENDATIONS



FUNDER/SPONSOR: AMERICAN BRAIN TUMOR ASSOCIATION (ABTA)

FUNDER SPONSOR TYPE: Private/Non-Profit

FOREIGN RESEARCHER ALLOWANCES: Open

ACADEMIC DISCIPLINES: Oncology, Biomarkers, Cancer Genetics, Clinical Research or Studies, Cancer Biology,

Pediatrics

I. ORGANIZATIONAL MISSION STATEMENT

To advance the understanding and treatment of brain tumors with the goals of improving, extending and, ultimately, saving the lives of those impacted by a brain tumor diagnosis. ABTA accomplishes this through interactions and engagements with brain tumor patients and their families, collaborations with allied groups and organizations, and funding brain tumor research.

II. AREAS OF FOCUS

- Research: Increase career development and support for brain tumor researchers
- Advocacy: Increase voice of those impacted in public and health policy decisions
- Access: Increase patient and caregiver access to information
- Providers: Increase clinician awareness of issues faced by brain tumor patients and families.
- Point of Diagnosis: Increase clinician use of ABTA resources
- Capacity: Ensure ABTA's capacity for impact

III. ORGANIZATIONAL STRUCTURE

The ABTA Board of Directors has created a three-year strategic plan that reflects its commitment to increasing research funding; increasing the quality of information available to patients and their caregivers; increasing the number of newly diagnosed who get information they need in a timely way so they can make informed treatment decisions; and serving as the voice of the brain tumor community.

IV. FUNDING MECHANISMS

The ABTA awards research funding through <u>four RFA-driven grant mechanisms</u>:

ABTA Research Collaboration Grant Program: Two-year grants (\$200,000 USD) intended to promote team science in a way that will streamline and accelerate progress and effect the desired change in clinical outcome for brain tumors. Research projects must be conducted by a team of at least two co-principal investigators from distinct institutions. The research project should be multi-disciplinary in that it incorporates multiple components such as basic, translational, clinical and epidemiological research.

<u>ABTA Basic Research Fellowship Program:</u> Provides two-year grants (\$100,000 USD) supporting postdoctoral fellows conducting brain tumor research. Fellows must include a Lead Mentor who currently conducts brain tumor research at the same academic institution in an effort to provide the research, scientific, management and other leadership guidance necessary to foster the applicant's career advancement.

<u>ABTA Discovery Grant Program:</u> One-year grants (\$100,000 USD) for investigators conducting high-risk/high-impact research deemed to have the potential to change current diagnostic or treatment paradigms. Investigators should be full-time faculty to apply.

Medical Student Summer Fellowship Program: Provides \$3,000 USD to medical students wishing to spend a summer conducting brain tumor research with esteemed scientist-mentors. The intent of this program is to motivate talented medical students to pursue a career in neuro-oncology research.





V. GRANT-SEEKING RECOMMENDATIONS



FUNDER/SPONSOR: AMERICAN ASSOCIATION FOR CANCER RESEARCH (AACR)

FUNDER SPONSOR TYPE: Private/Non-Profit

FOREIGN RESEARCHER ALLOWANCES: Open

ACADEMIC DISCIPLINES: Health Care Planning or Policy, Oncology, Cancer Prevention

I. ORGANIZATIONAL MISSION STATEMENT

To prevent and cure cancer through research, education, communication, and collaboration. The AACR fosters research in cancer and related biomedical science; accelerates the dissemination of new research findings among scientists and others dedicated to the conquest of cancer; promotes science education and training; and advances the understanding of cancer etiology, prevention, diagnosis, and treatment throughout the world.

II. AREAS OF FOCUS

- Research
- Education
- Communication
- Collaboration

III. ORGANIZATIONAL STRUCTURE

AACR is governed by an annual president elect, a constitution and bylaws, officers a Board of Directors, a Council of Scientific Advisors and four AACR committees. In addition, the AACR has a foundation that also supports the mission of the AACR. The Foundation works in collaboration with corporate partners, foundation and individuals to promote research, support researchers and raise awareness. The AACR Foundation offers funding opportunities for researchers as well.

IV. FUNDING MECHANISMS

Stand Up to Cancer (SU2C): A project of the Entertainment Industry Foundation, SU2C leverages the resources of the entertainment industry to increase awareness of the urgent need for cancer research and raise funds to support research initiatives. AACR works with SU2C's blue-ribbon Scientific Advisory Committee to conduct rigorous, competitive review processes to identify the best research proposals to recommend for funding. SU2C is international in scope, with active partnerships in the United Kingdom, the Netherlands, and Canada. Scientists in many other countries are also involved in research funded by the SU2C program.

<u>Basic Cancer Research Fellowships:</u> Supports postdoctoral or clinical research fellows to establish a successful career path in cancer research. The research proposed for funding may be in any area of basic cancer research. The fellowships provide one-year grants of \$50,000-\$55,000 USD.

<u>Travel Grants:</u> Early-career scientists presenting a meritorious proffered paper at the AACR Annual Meeting may apply for AACR Scholar-in-Training Awards.

<u>Scientific Achievement Awards and Lectureships:</u> AACR has presented hundreds of awards and lectureships to recognize the scientific achievements of scientists and physicians who have made significant contributions to the understanding, diagnosis, prevention, and treatment of cancer. These awards are determined through a nomination process.

V. GRANT-SEEKING RECOMMENDATIONS







FUNDER/SPONSOR: AMERICAN PSYCHOLOGICAL FOUNDATION (APF)

FUNDER SPONSOR TYPE: Private/Non-Profit

FOREIGN RESEARCHER ALLOWANCES: Open/Limited

ACADEMIC DISCIPLINES: Psychology, Psychiatry, Medicine, Sociology, Sexology

I. ORGANIZATIONAL MISSION STATEMENT

The American Psychological Foundation supports innovative research and programs that enhance the power of psychology to elevate the human condition and advance human potential.

II. AREAS OF FOCUS

- Mental health treatment and services
- Mental health services during disaster relief
- Studying gifted children and adolescents
- Violence and domestic violence prevention
- Reducing prejudice, discrimination and stigma of mental health issues
- Relation between physical and mental health
- Lesbian, gay, bisexual, and transgendered mental health issues
- Human reproductive behaviors

III. ORGANIZATIONAL STRUCTURE

APF is a non-profit organization, separately incorporated from the American Psychological Association (APA). The two organizations are closely related as the APF receives annual financial support and shared services from APA.

APF has three primary funding mechanisms: (1) <u>Scholarships and Fellowships</u>, (2) <u>Grants</u>, and (3) <u>Lecture and Symposia Awards</u>. With nearly <u>40 types of scholarships and fellowships</u>, the APA will fund up to \$20,000 USD towards dissertation work, related travel, conference costs and other costs associated with early career training and education. APF's grant offerings range from \$2,000–\$50,000 USD in support funds in order to conduct innovation research or support programs in psychological studies.

Divided by career stages or career types (e.g., psychologist, researcher or teacher), grants align with the topical objectives listed in "Area of Focus" above. Finally, the APF offers a variety of support to encourage psychology lectures, symposium and presentations to broaden the reach of psychological research results and current efforts in the field.

By funding such initiatives APF seeks to develop and grow psychological "talent," advancing psychological science and the scholars in the field. By aiming to increase the understanding of the connections between physical and mental health, as well as reducing the stigma surrounding mental health, the APF has provided an additional avenue for early-career psychologists to receive funding beyond, or even prior to, typical federal funding mechanisms. APF funds received by early-career psychologists can also have an amplifying effect which can increase the likelihood that of additional, especially federal, funding later in an academic's career.

IV. FUNDING MECHANISMS

- Grants
- Fellowships, scholarships and prizes
- Lecture and symposium grants

V. GRANT-SEEKING RECOMMENDATIONS





FUNDER/SPONSOR: BARTH SYNDROME FOUNDATION (BSF)

FUNDER SPONSOR TYPE: Private/Non-Profit

FOREIGN RESEARCHER ALLOWANCES: Open

ACADEMIC DISCIPLINES: Medicine, Health Sciences, Genetics, Pediatrics

I. ORGANIZATIONAL MISSION STATEMENT

Saving lives through education, advances in treatment, and finding a cure for Barth Syndrome.

II. AREAS OF FOCUS

- Genetic diseases
- Developmental disabilities

III. ORGANIZATIONAL STRUCTURE

BSF has a full-time staff led by an Executive Director, a Board of Directors, and a Scientific and Medical Advisory Board. The Foundation and its international affiliates support investigators in exploring the field of Barth Syndrome. The two focus areas are the basic science of and/or clinical research on the natural history, biochemical basis, and treatment of Barth syndrome.

<u>IDEA grants</u> (for 1-2 years) and <u>DEVELOPMENT grants</u> (for 2-3 years) with budgetary maximums \$50,000 or \$100,000 USD, respectively over the full period. The BFS Research Grant Program allows young, non-tenured investigators to include in their submitted budget up to 75% of the direct costs amount as PI salary (10% for established investigators). There are no geographical limitations to this funding.

BFS is interested in providing seed grant funding to young investigators and as well as attracting experienced investigators new to the field of BTHS basic science or clinical research. Funds will be used for the testing of initial hypotheses and the collection of preliminary data leading to successful long-term funding by the National Institutes of Health and other major granting institutions around the world.

IV. FUNDING MECHANISMS

Grants

V. GRANT-SEEKING RECOMMENDATIONS



FUNDER/SPONSOR: <u>BENIGN ESSENTIAL BLEPHAROSPASM RESEARCH</u> FOUNDATION (BEBRF)

FUNDER SPONSOR TYPE: Private/Non-Profit

FOREIGN RESEARCHER ALLOWANCES: Open

ACADEMIC DISCIPLINES: Neurology, Medical Genetics, Pathophysiology

I. ORGANIZATIONAL MISSION STATEMENT

To fund and promote medical research in the search for the cause and cure of blepharospasm, Meige, and other related disorders of the facial musculature; to provide support, education, and referrals to persons with these disorders; and to disseminate information and serve as an authoritative resource to the medical community and the general public.

II. AREAS OF FOCUS

- New treatments
- · Pathophysiology and genetics
- Photophobia and dry eye

III. ORGANIZATIONAL STRUCTURE

BEBRF is governed by a Board of Directors and a Medical Advisory Board (MAB).

BEBRF accepts unsolicited proposals. The deadline is August each year and proposals are submitted via email. Applicants must be employed at a for-profit or non-profit organization in the U.S. or Canada, or countries where supervision of grant administration is possible.

Proposals are ranked by the MAB on scientific merit, relevancy, and other factors determined at its discretion. The MAB makes recommendations to the BEBRF, which then makes the final decision.

IV. FUNDING MECHANISMS

Grants

V. GRANT-SEEKING RECOMMENDATIONS



FUNDER/SPONSOR: BILL AND MELINDA GATES FOUNDATION

FUNDER SPONSOR TYPE: Private/Non-Profit

FOREIGN RESEARCHER ALLOWANCES: Announced in individual funding program solicitations. The majority of funding is proactive and made to U.S. tax-exempt organizations that are independently identified by Foundation staff.

ACADEMIC DISCIPLINES: Global Health, Public Health, Education, Policy

I. ORGANIZATIONAL MISSION STATEMENT

Guided by the belief that every life has equal value, the Bill & Melinda Gates Foundation works to help all people lead healthy, productive lives. In developing countries, it focuses on improving people's health and giving them the chance to lift themselves out of hunger and extreme poverty.

II. AREAS OF FOCUS

- Global development
- Global health
- Global policy and advocacy
- U.S. high school and postsecondary education

III. ORGANIZATIONAL STRUCTURE

The Foundation is led by a Chief Executive Officer and Co-chair William H. Gates Sr., under the direction of Bill and Melinda Gates and Warren Buffett. Headquartered in Seattle, WA, the Foundation has international offices in London, Delhi, and Beijing, and in Ethiopia, Nigeria, and South Africa. The Foundation executes programs through <u>four</u> divisions:

Global Health Division: Aims to help the world's poorest people lift themselves out of hunger and poverty. Works with partners to deliver proven tools, including vaccines, drugs, and diagnostics, as well as discover path-breaking new solutions that are affordable and reliable. Brings health interventions to those who need them most, and invests heavily in vaccines to prevent infectious diseases, including HIV, polio, and malaria. Supports the development of integrated health solutions for family planning, nutrition, and maternal and child health.

Global Development Division: Aims to identify and fund high-impact solutions that can help hundreds of millions of people lift themselves out of poverty and build better lives. Works closely with partners to support innovative approaches to providing the basics of food, water, shelter, sanitation, healthcare, and education, and to expand existing approaches so they reach the people who are most in need.

U.S. Program: Focuses on ensuring that all students graduate from high school prepared for college and have an opportunity to earn a postsecondary degree with labor-market value. Support the development of innovative solutions in education that are unlikely to be generated by institutions working alone and that can trigger change on a broader scale.

Global Policy & Advocacy Division: Promotes public policies that advance the Foundation's work, builds strategic alliances with governments and the public and private sectors, and fosters greater public awareness of urgent global issues. Teams are dedicated to advocacy, policy analysis, and government relations, as well as strengthening philanthropic partnerships and the charitable sector in the United States and overseas.

The Gates Foundation funds projects primarily through its <u>Global Grand Challenges</u>, which is a family of initiatives fostering innovation to solve key global health and development problems. Each challenge focuses attention and





effort on specific problems.

Twice each year, Grand Challenges Explorations invites high-risk, high-reward proposals on a range of <u>challenges</u>. Two-page applications are submitted online—open to anyone from any discipline, from student to tenured professor, and from any organization, including colleges and universities, government laboratories, research institutions, non-profit organizations, and for-profit companies. Initial <u>grants</u> of \$100,000 USD are awarded, and successful projects have the opportunity to receive follow-on funding of up to \$1 million USD. Winning grants are chosen approximately five months from the submission deadline.

IV. FUNDING MECHANISMS

- Grants
- Subawards

V. GRANT-SEEKING RECOMMENDATIONS





FUNDER/SPONSOR: CANCER RESEARCH INSTITUTE (CRI)

FUNDER SPONSOR TYPE: Private/Non-Profit

FOREIGN RESEARCHER ALLOWANCES: Announced in individual funding program solicitations

ACADEMIC DISCIPLINES: Medicine, Immunology, Biomedicine

I. ORGANIZATIONAL MISSION STATEMENT

To support and coordinate research that will yield an understanding of the immune system and its response to cancer, with the ultimate goal of developing immunological methods for the treatment, control, and prevention of the disease.

II. AREAS OF FOCUS

- Medicine
- Immunology
- Immunotherapy

III. ORGANIZATIONAL STRUCTURE

CRI is governed by a <u>Board of Trustees</u>, <u>Scientific Advisory Council (SAC)</u>, and <u>Cancer Immunotherapy Consortium (CIC) Steering Committee</u>. Members of the SAC comprise the <u>Grant Review Committee</u>, which reviews grant applications. The Chief Executive Officer and office staff manage administrative operations.

Foreign applicants may be eligible for two grant programs:

<u>CRI Irvington Postdoctoral Fellowship Program:</u> Provides support to fund and train young immunologists and cancer immunologists at top universities and research centers around the world. Fellows receive up to \$175,500 USD over three years to cover the cost of stipend or salary, insurance, and other research-related expenses, such as travel to conferences and meetings. The fellowship can be performed in the United States or abroad, but must take place at a non-profit institution. There are no citizenship restrictions.

<u>Clinic and Laboratory Integration Program (CLIP) Grants:</u> Provide support to qualified scientists who are working to explore clinically relevant questions aimed at improving the effectiveness of cancer immunotherapies. The program supports basic, pre-clinical, and translational research that can be directly applied to optimizing cancer immunotherapy in the clinic. CLIP Grants provide up to \$100,000 USD per year for two years. The funds may be used for salary, technical assistance, supplies, capital equipment, or scientific travel. Payments are made quarterly in U.S. currency to the host institution. CRI has no citizenship restrictions, and research supported by the award may be conducted at medical schools and research centers in the U.S. or abroad.

IV. FUNDING MECHANISMS

Grants

V. GRANT-SEEKING RECOMMENDATIONS





FUNDER/SPONSOR: CARNEGIE CORPORATION OF NEW YORK

FUNDER SPONSOR TYPE: Private/Non-Profit

FOREIGN RESEARCHER ALLOWANCES: Restricted to members of the British overseas Commonwealth

ACADEMIC DISCIPLINES: Education, Social Sciences, Humanities, Public Policy

I. ORGANIZATIONAL MISSION STATEMENT

To promote the advancement and diffusion of knowledge and understanding.

II. AREAS OF FOCUS

- Education
- Democracy
- International peace and security
- Higher education and research in Africa

III. ORGANIZATIONAL STRUCTURE

Carnegie Corporation of New York was established by Andrew Carnegie in 1911 and is America's oldest grant-making foundation. As of 2015, the endowment stands at \$3.3 billion. The current and 12th president of Carnegie Corporation of New York is Vartan Gregorian. The Corporation is governed by a Board of Trustees and chaired by Governor Thomas H. Kean. The Corporation is headquartered in New York City, but grantmaking is both national and international in scope.

While Carnegie's primary aim was to benefit the people of the United States, he later determined to use a portion of the funds for members of the British overseas Commonwealth. Currently, this area of grantmaking focuses on selected countries in sub-Saharan Africa.

The Corporation currently supports the following key program areas:

<u>Education</u>: Focus areas include Leadership and Teaching to Advance Learning; New Designs to Advance Learning; Public Understanding; Pathways to Postsecondary Success; and Integration, Learning, and Innovation.

<u>Democracy</u>: To foster a pluralistic, vibrant democracy through the civic integration of immigrants, support for nonpartisan voter registration and education, and voting rights. Focus areas include Field Building; Strategic Communications, Policy Development, and Nonpartisan Civic Engagement.

<u>Higher Education and Research in Africa:</u> Supporting scholars, academic institutions, and continental networks expanding Africa's potential as a knowledge-based, globally competitive economy. Focus areas include Master's and Doctorate programs in Ghana, South Africa, and Uganda; Academic Networks and Fellowships; Leadership, Policy, and Governance; and Peacebuilding in Africa.

<u>International Peace and Security</u>: To build a more secure, peaceful, and prosperous world through independent, expert analysis addressing critical global challenges and policy issues. Focus areas include Nuclear Security; Global Dynamics; Transnational Movements in the Arab Region; Peacebuilding in Africa; and Research and Policy.

<u>Special Projects</u>: The Corporation bestows special awards and honors, often in conjunction with other organizations founded by Andrew Carnegie, on individuals who embody Andrew Carnegie's philanthropic spirit, or whose work aligns with our mission to "promote the advancement and diffusion of knowledge and understanding." Initiatives include the Academic Leadership Award; Andrew Carnegie Fellows; Carnegie Medal of Philanthropy; and the Nunn-





Lugar Award for Promoting Nuclear Security.

Letters of inquiry are accepted on a rolling basis; there are no deadlines. The Corporation does not seek and rarely funds unsolicited grant applications. Only full proposals that have been invited for submission will be considered. After a letter of inquiry has been reviewed, applicants may be invited via email to submit a full proposal.

IV. FUNDING MECHANISMS

Grants

V. GRANT-SEEKING RECOMMENDATIONS





FUNDER/SPONSOR: CHILDREN'S PRIZE FOUNDATION

FUNDER SPONSOR TYPE: Private/Non-Profit

FOREIGN RESEARCHER ALLOWANCES: Proposals are accepted from applicants worldwide.

ACADEMIC DISCIPLINES: Pediatric Medicine, Public Health, Social Science

I. ORGANIZATIONAL MISSION STATEMENT

To advance child health and survival by insisting on impact and data-driven rigor.

II. AREAS OF FOCUS

Health care/saving the lives of children 0-5 years old

III. ORGANIZATIONAL STRUCTURE

The Foundation is a small organization (approximately four staff members) that offers only one Prize contest. The Foundation seeks the best and most effective project proposal that will save the greatest number of children's lives. Project proposals submitted may include (but are not limited to) intervention solutions in healthcare services, technology, education, infrastructure, and agriculture.

<u>The Prize</u> is a one-time \$250,000 USD grant. The contest process includes an initial "pitch" (i.e., short preliminary proposal), an invitation to submit an application, and a finalist round to select the winner. An applicant may be an individual, organization or team. All applications must be written in English.

Additional information about the Prize is provided in the <u>Frequently Asked Questions</u> and <u>Prize</u> Guidelines posted on the Foundation's Web site.

IV. FUNDING MECHANISMS

Grants

V. GRANT-SEEKING RECOMMENDATIONS





FUNDER/SPONSOR: CHRISTENSEN FUND (CF)

FUNDER SPONSOR TYPE: Private/Non-Profit

FOREIGN RESEARCHER ALLOWANCES: Open/Limited

ACADEMIC DISCIPLINES: Biology, Agriculture and Food Production, Arts and Humanities, Biocultural Studies,

Education, Indigenous Cultures and Economies

I. ORGANIZATIONAL MISSION STATEMENT

To buttress the efforts of people and institutions who believe in a biodiverse world infused with artistic expression and work to secure ways of life and landscapes that are beautiful, bountiful and resilient. The Christensen Fund believes in the power of biological and cultural diversity to sustain and enrich a world faced with great change and uncertainty. The Fund focuses on the biocultural—the rich but neglected adaptive interweave of people and place, culture and ecology.

II. AREAS OF FOCUS

- Sustaining foodways and livelihoods within biocultural landscapes and seascapes
- Ensuring socio-ecological resilience of landscapes and seascapes
- Celebrating and revitalizing cultural expression
- Promoting knowledge systems and biocultural education

III. ORGANIZATIONAL STRUCTURE

The Fund is led by an Executive Director and a Board of Trustees. The Fund typically awards grantees that operate or are based within the following regional areas, including international organizations and universities conducting programs of study and research within those regions:

African Rift Valley: Primary grantmaking themes are "Agroecology and Pastoral Livelihoods" and "Cultural Expression and Sacred Sites." Priority focus areas are Desert Mosaic of Northern Kenya, and Pastoral Southern Lowlands and Southwestern Highlands of Ethiopia.

<u>Central Asia</u>: Primary theme is "Living on and Sustaining Resilient Biocultural Landscapes." Within it are two subthemes: Innovative Dehkans (peasants) and Felt People (pastoralists).

<u>Melanesia:</u> Primary themes are "Customary Land Tenure, Food Sovereignty, and the Traditional Economy" and "Cultural Renewal." Priority focus areas are the Vanuatu Archipelago, Bismarck Archipelago to Bismarck Range, and Bougainville.

<u>Northwest Mexico:</u> Primary theme is "Strengthening Indigenous Territorial Governance." Priority focus areas include Chihuahua Sierra Madre and the Sonoran Desert-Gulf of California.

<u>San Francisco Bay Area:</u> Primary themes are "Bay Area Native Peoples and Landscapes" and "Building Understanding and Engaging Communities."

<u>Southwest U.S.:</u> Primary themes are "Native Foodways and Landscapes" and "Strengthening Indigenous Philanthropy and Promoting Native Leadership."

The <u>Global Program</u> funds international-level initiatives, complementing the work in the Regional Programs by addressing key policy and conceptual challenges through linking grassroots stewards and activists with global institutions, thought leaders and policy processes. Primary themes are "Indigenous Peoples' and Local Communities' Biocultural Rights and Representation," "Resilient Biocultural Landscapes," and "Agrobiodiversity and Food Sovereignty."





For all programs, grants size range \$50,000–\$100,000 USD for one to two years in duration.

Pre-proposals must be submitted online; full proposals by invitation only. Foreign applicants are eligible to apply for funding. Applicant organizations should be either operating or based in the regions defined or be an international entity with specific programs within the specific region.

IV. FUNDING MECHANISMS

- Grants
- Subawards

V. GRANT-SEEKING RECOMMENDATIONS





FFUNDER/SPONSOR: CONQUER CANCER FOUNDATION (CCF)

FUNDER SPONSOR TYPE: Private/Non-Profit

FOREIGN RESEARCHER ALLOWANCES: Open

ACADEMIC DISCIPLINES: Clinical Research or Studies, Clinical Medicine, Cancer Prevention, Cancer Biology, Cell

Biology, Immunology

I. ORGANIZATIONAL MISSION STATEMENT

The Conquer Cancer Foundation was founded to seek dramatic advances in the prevention, treatment, and cures of all types of cancer. CCF funds breakthrough cancer research and works to share cutting-edge knowledge with patients and physicians worldwide, improve quality of and access to care, and enhance quality of life for all who are touched by cancer.

II. AREAS OF FOCUS (Top-funded areas, but they fund other types of cancer research)

- Breast cancer
- Leukemia, myelodysplasia, and transplantation
- Genitourinary cancer
- Lung cancer
- Gastrointestinal cancer

III. ORGANIZATIONAL STRUCTURE

CCF is governed by a Board of Directors, a team of administrative staff, and several committees. The Peer Review Committees, which consist of the Grants Selection Committee, Subcommittees, and Working Groups, evaluate and review applications and select grant and award recipients. These committees are comprised of members from the American Society of Clinical Oncology (ASCO) and represent a broad range of cancer specialty areas. Committee members may include scientific reviewers, biostatisticians, and patient advocates.

To date, CCF has awarded more than \$90 million USD through 1,457 grants across 65 countries.

IV. FUNDING MECHANISMS

The CCF offers funding opportunities for oncology professionals at various stages in their careers, as well as international opportunities:

<u>International Development and Education Award:</u> Supports early-career oncologists in low- and middle-income countries and facilitates the sharing of knowledge between these oncologists and ASCO members.

<u>International Innovation Grant:</u> Supports novel and innovative research projects that can have a significant impact on cancer control in low- and middle-income countries (LMCs). It is intended to support proposals that have the potential to reduce the cancer burden in local communities while also being potentially transferable to other low- or middle-income settings.

<u>Long Term International Fellowship:</u> Provides early-career oncologists in LMCs with the support and resources needed to advance their training by deepening their relationship with a mentor in the U.S., Canada, or EU. During the one-year fellowship recipients receive valuable training and experience, which they use to effect change in cancer care in their home country.

Advanced Clinical Research Award: Topic-specific competition designed to support physician-scientists committed to





performing original, clinical cancer research in an area not currently funded. This research must have a patient-oriented focus, including a clinical research study and/or translational research involving human subjects.

<u>Career Development Award:</u> Provides research funding to clinical investigators, who have received their initial faculty appointment, as they work to establish an independent clinical cancer research program. This research must have a patient-oriented focus, including a clinical research study and/or translational research involving human subjects.

V. GRANT-SEEKING RECOMMENDATIONS





FUNDER/SPONSOR: <u>COUNCIL FOR INTERNATIONAL EXCHANGE OF SCHOLARS</u> (CIES)

FUNDER SPONSOR TYPE: Private/Non-Profit

FOREIGN RESEARCHER ALLOWANCES: Open

ACADEMIC DISCIPLINES: All

I. ORGANIZATIONAL MISSION STATEMENT

The Council for International Exchange of Scholars is the scholarly division for the Institute of International Education. CIES work with the U.S. Department of State and with many other governments, foundations, corporations, colleges and universities, international organizations, and generous individuals, to provide educational exchange and development training opportunities for students, scholars and professionals worldwide.

II. AREAS OF FOCUS

Various

III. ORGANIZATIONAL STRUCTURE

Led by a president and 40-member Board of Trustees. Headquarters are in New York City, New York, and has 19 offices around the world. Currently, the Fulbright Program operates in more than 160 countries worldwide. Specific programs include:

<u>Core Fulbright Visiting Scholar Program:</u> Individual grants are available to scholars from more than 155 countries. Apply through the <u>Fulbright commission/foundation</u> or public affairs section of the U.S. embassy.

Outreach Lecturing Fund (OLF): Provides funding for campuses to host Fulbright Visiting Scholars, already in the U.S. for short-term speaking engagements. OLF designed to enrich both institutions and Visiting Scholars through lectures that will promote academic disciplines and cultural understanding. Both the Institution and the Visiting Scholar may apply, but the individual must already be on a grant of at least three months.

<u>Fulbright Schuman Innovation Grants: Reflects</u> the evolving priorities of U.S.-EU relations, with Academic Year 2017-2018 focusing on Data Privacy and Protection, while future years may address other emerging areas of interest, from cyber security to health care. If your study/ research topic fits this description, then your application will automatically be considered for these innovation grants during the current application cycle. In addition to these innovation grants, there will be awards available in the general category.

<u>International Educator Grants:</u> Grants are also available for professionals in international education administration from European universities for research within the field that would be mutually beneficial to both the institutions. Research projects should provide a comparative US-EU perspective on global issues within international higher education and/or share best practices within the field.

IV. FUNDING MECHANISMS

Grants

V. GRANT-SEEKING RECOMMENDATIONS





FUNDER/SPONSOR: THE DAVID AND LUCILE PACKARD FOUNDATION

FUNDER SPONSOR TYPE: Private, Non-profit

FOREIGN RESEARCHER ALLOWANCES: Unrestricted

ACADEMIC DISCIPLINES: Education, Medicine, Public Health, Science, Engineering, Environmental Studies,

Biosciences, Ecology

I. ORGANIZATIONAL MISSION STATEMENT

The David and Lucile Packard Foundation works with partners around the world for social, cultural, and environmental change designed to improve the lives of children, families, and communities.

II. AREAS OF FOCUS

- Improving the lives of children
- Enabling the creative pursuit of science
- Advancing reproductive health
- Restoring the earth's natural systems

III. ORGANIZATIONAL STRUCTURE

The Foundation is a grantmaking organization but it also partners with other non-profits and channels grant funds through these agencies. For example, through their partnership with <u>ClimateWorks</u> and regional climate foundations, such as the European Climate Foundation and Energy Foundation, the Foundation invests in a coordinated philanthropic response to mitigate climate change.

The Foundation makes grants in a wide variety of regions around the globe, depending on the program area (see below). For an overview of funding programs, visit their <u>Review of 2015 Grantmaking</u>.

<u>Conservation and Science (Worldwide)</u>: Supports ocean and land conservation, climate change mitigation, and scientific research. The Foundation invests in action and ideas that conserve and restore ecosystems while enhancing human well-being. The Foundation supports public policy reforms, changes in private-sector practices, and scientific activities to develop essential knowledge and tools for addressing current and future priorities. Subprograms include <u>Climate</u>, <u>Energy</u>, <u>Land Use</u>, <u>Innovation</u>, unsolicited proposals are not accepted for these subprograms, but informal inquiries are welcome.

Additional subprograms include <u>Marine Birds</u> to eradicate invasive species on seabird breeding islands, and <u>Science</u>, which supports projects focused on developing knowledge that could significantly accelerate progress toward the Foundation's conservation goals of ocean conservation, land protection and climate change.

<u>Population and Reproductive Health (Worldwide)</u>: Supports efforts to expand access to and improve the quality of essential services, including comprehensive sexuality education, voluntary family planning/contraception, and safe abortion. Support is provided for projects in South Asia, Sub-Saharan Africa, and the U.S.

<u>Children, Families, and Communities (California and Nationally)</u>: Supports early learning, children's health, and afterschool and summer learning programs.

<u>Organizational Effectiveness (Worldwide)</u>: Open to all current grantees of the Packard Foundation, this program helps organizations strengthen their fundamentals so they can focus on achieving their missions. Support helps to build core strengths in areas like strategic and business planning, financial management, board and executive leadership, and communications.





IV. FUNDING MECHANISMS

Grants

Fellowships

V. GRANT-SEEKING RECOMMENDATIONS



FUNDER/SPONSOR: JOHN D. AND CATHERINE T. MACARTHUR FOUNDATION

FUNDER SPONSOR TYPE: Private/Non-Profit

FOREIGN RESEARCHER ALLOWANCES: Open/Limited

ACADEMIC DISCIPLINES: Biology and Conservation, Climatology, Journalism, Criminal Justice, Law, Arts and Humanities, Reproductive Health, Political Science, Economics, International Peace and Security

I. ORGANIZATIONAL MISSION STATEMENT

The MacArthur Foundation has been funding a broad range of grants since 1979 aimed at creating a "more just, verdant and peaceful world." By making significant funding investments in projects, the Foundation seeks to make lasting and transformative change in each area that it invests. Known for its large grants and prestigious MacArthur Fellows program, the Foundation has been a major force in supporting scholarly research both in the U.S. and abroad. The Foundation is headquartered in Chicago, Illinois, and has offices in Mexico, India, and Nigeria.

II. AREAS OF FOCUS

- Over-incarceration and criminal justice issues
- Global climate change
- Nuclear risk
- Journalism and democracy
- Arts and culture
- City of Chicago
- Population and reproductive health (Mexico only)
- U.S. immigration policy
- Conservation and sustainable development
- Human rights

III. ORGANIZATIONAL STRUCTURE

Because the Foundation has such a broad mission and funds a variety of disciplines and areas of scholarly work, MacArthur reviews how closely three criteria within the applicant's proposal match the Foundation's grant-making strategy and efforts: topical focus, geographic area, and type of funding (e.g., general operating support, research, program support). A researcher is required to address each of these criteria in their proposal and should be where a researcher concentrates their effort when assembling a proposal application.

MacArthur has a continually updated list that discusses which topics the Foundation does and does not fund. Researchers should keep up to date of the Foundation's current areas of focus if interested in submitting an application (https://www.macfound.org/info-grantseekers/guidelines-funding-cycles). If a researcher's project aligns with the Foundation's grant-making strategies, the subsequent step will be to submit a Letter of Inquiry about the proposed work. The Foundation will review the Letter and respond to an applicant about the potential for funding and any additional steps, normally within eight weeks.

Foreign applicants are eligible to apply for funding. Once the Letter of Inquiry is received and the Foundation seeks to award the foreign researcher and their home institution, it will vet the institution using a standard check to avoid engaging with terrorist or terrorist-linked institutions.

One of the largest MacArthur initiatives for funding has recently launched: MacArthur's 100&Change, a competition that will fund a single grant with \$100 million USD with the hopes of making a dramatic impact in that area of study and innovation. It is open to all non-profit and academic organizations in any field of inquiry.

IV. FUNDING MECHANISMS





- Grants
- Subawards
- Fellowships (non-nominating)

V. GRANT-SEEKING RECOMMENDATIONS





FUNDER/SPONSOR: SUSAN G. KOMEN FOUNDATION

FUNDER SPONSOR TYPE: Private/Non-Profit

FOREIGN RESEARCHER ALLOWANCES: The Foundation operates affiliate offices in Italy, Germany, and Puerto Rico. Supported projects in Sweden, United Kingdom, Netherlands, France, Spain, Italy, and Switzerland.

ACADEMIC DISCIPLINES: Medicine, Bioscience

I. ORGANIZATIONAL MISSION STATEMENT

To save lives and end breast cancer forever by empowering others, ensuring quality care for all, and energizing science to find the cures.

II. AREAS OF FOCUS

- Research
- Screening
- Education
- Treatment
- Psychological support

III. ORGANIZATIONAL STRUCTURE

The Foundation is the largest non-profit funder of breast cancer research outside the U.S. government, funding research in the U.S. and 17 other countries, covering the spectrum of breast cancer: from basic cancer cell biology to prevention, early detection and diagnosis to new treatments and improved quality of life. See addition <u>research</u> funding information on the Foundation Web site.

<u>International Grants:</u> The Foundation partners with local governmental and non-governmental organizations in communities worldwide to implement innovative programs aimed at increasing awareness, education, screening, and access to quality care. To date, Komen has awarded more than \$18 million in community health grants outside of the U.S. See additional information about <u>global programs</u> on the Foundation Web site.

<u>Scientific Grants</u>: Applications to the following grant programs may be submitted by a non-profit institution or organization anywhere in the world; governmental agencies are not eligible.

- <u>Career Catalyst Research Grants Basic/Translational and Clinical:</u> Fosters promising breast cancer researchers
 who are in the early stages of their faculty careers by providing support for up to three years of "protected time"
 for research career development under the guidance of a Mentor Committee.
- <u>Postdoctoral Fellowship Grants Basic/Translational and Clinical:</u> Provides funding to outstanding
 postdoctoral/postgraduate fellows under the guidance of a mentor to ensure that a diverse pool of highly trained
 scientists will emerge as the next generation of leaders in the field of breast cancer research.
- Graduate Training in Disparities Research: Establish and/or to sustain an innovative training program for
 graduate students who are seeking careers dedicated to understanding and eliminating disparities in breast
 cancer outcomes across population groups.

Request for applications or letters of intent announcements are issued annually to communicate which grant mechanisms and scientific focus areas are available for funding. The types of mechanisms and the scientific focus areas may vary from year to year. Proposals are accepted by invitation only; unsolicited proposals are not accepted.

IV. FUNDING MECHANISMS





- Grants
- Fellowships

V. GRANT-SEEKING RECOMMENDATIONS





FUNDER/SPONSOR: THE LEUKEMIA AND LYMPHOMA SOCIETY (LLS)

FUNDER SPONSOR TYPE: Private/Non-Profit

FOREIGN RESEARCHER ALLOWANCES: Open

DISCIPLINES/ KEY WORDS: Hematology, Oncology, Cytogenetics, Molecular Pathology,

Cancer Biology, Biomedical Research

I. ORGANIZATIONAL MISSION STATEMENT

To cure leukemia, lymphoma, Hodgkin's disease and myeloma, and improve the quality of life of patients and their families. The Leukemia & Lymphoma Society exists to find cures and ensure access to treatments for blood cancer patients. LLS is the voice for all blood cancer patients and it works to ensure access to treatments for all blood cancer patients.

II. AREAS OF FOCUS

- Patient access
- Policy and advocacy
- Research

The LLS research agenda is focused on finding cures; thus, it drives research in areas of unmet medical need and helps to bridge the gap between academic discovery and drug development. LLS identifies and funds the most promising blood cancer research projects and forges partnerships with academic institutions and biotechnology and pharmaceutical companies to accelerate the development of new therapies.

III. ORGANIZATIONAL STRUCTURE

The LLS comprises an executive leadership team, board of directors, a medical and scientific advisory board, and clinical advisors. The LLS academic grants support and encourage basic and translational leukemia, lymphoma and myeloma research. Programs include:

<u>Translational Research Program (Up to \$200,000 USD annually)</u>: Places research on the bench-to-bedside fast track when it comes to finding better treatment and cures for leukemia, lymphoma, and myeloma. LLS funds new and innovative research that shows high promise for translating basic biomedical knowledge to clinical application. Grants are eligible for an additional two years if they include an approved clinical trial and a fully justified research plan. A principal intent of the program is to permit the acquisition of sufficient data to apply to an appropriate agency or sponsor for sustained support.

<u>Career Development Program</u>: Provides stipends to enable researchers to devote time to researching questions of direct relevance to hematological malignancies and/or relevant pre-malignant conditions. LLS offers career development awards to postdoctoral fellows as well as to early-career, independent investigators. The award has four levels: Scholar (\$110,000 USD), Scholar in Clinical Research (\$110,000 USD), Special Fellow (\$67,000 USD) and Fellow (\$60,000 USD).

<u>Specialized Center for Research</u> (Up to \$1,000,000 USD annually for five years): Brings together established investigators from one or several institutions to develop a focused research program, foster new interactions and cooperation, and enhance interdisciplinary research among the participants. The goal of this mechanism is to enhance the development of innovative strategies for the treatment, diagnosis or prevention of hematological malignancies. Strategies that move discoveries from the bench to the clinic are of high importance as are integrated translational projects.





IV. FUNDING MECHANISMS

Grants

V. GRANT-SEEKING RECOMMENDATIONS





FUNDER/SPONSOR: JAMES S. MCDONNELL FOUNDATION (JSMF)

FUNDER SPONSOR TYPE: Private/Non-Profit

FOREIGN RESEARCHER ALLOWANCES: Open

ACADEMIC DISCIPLINES: Biological Sciences, Government Studies, Biodiversity, Mathematical Modeling, Computer

and Information Sciences, Energy Sciences, Climate Change

I. ORGANIZATIONAL MISSION STATEMENT

The James S. McDonnell Foundation was established to improve the quality of life and contributes to a generation of new knowledge through its support of research and scholarship, and supports scientific, educational and charitable causes locally, nationally and internationally as well as supporting scholarly pursuits in fields such as human cognition and complex systems.

II. AREAS OF FOCUS

- Brain cancer
- Human cognition
- Neuroscience

III. ORGANIZATIONAL STRUCTURE

The McDonnell Foundation is led by a president and senior staff as well as a Board. JSMF currently provides funding for grants in three program areas:

<u>Understanding Human Cognition</u>: Supports research studying how neural systems are linked to and support cognitive functions and how cognitive systems are related to an organism's (preferably human) observable behavior.

<u>Studying Complex Systems</u>: Supports scholarship and research directed toward the development of theoretical and mathematical tools that can be applied to the study of complex, adaptive, nonlinear systems.

<u>Mathematical and Complex Systems Approaches to Brain Cancer</u>: Provides funding only through the <u>Collaborative Activity Awards</u> grant mechanism. Applications are by invitation only. There are no individual investigator grants available in this program area.

Grant applications are reviewed by Foundation staff and an expert advisory panel. The panel may also solicit expert reviewers. The awards will be based on the importance and originality of the research program described, the quality of the essay, the thoughtfulness of the budget, and the Principal Investigator's qualifications. The Foundation accepts letters of inquiry at any time throughout the year.

IV. FUNDING MECHANISMS

Grants

V. GRANT-SEEKING RECOMMENDATIONS





FUNDER/SPONSOR: MICHAEL J. FOX FOUNDATION (MJFF)

FUNDER SPONSOR TYPE: Private/Non-Profit

FOREIGN RESEARCHER ALLOWANCES: Open

ACADEMIC DISCIPLINES: Neurology, Biomedicine

I. ORGANIZATIONAL MISSION STATEMENT

The Michael J. Fox Foundation was founded by actor Michael J. Fox as a method to raise awareness and promote efforts to find a cure for Parkinson's disease (PD). MJFF's single, ambitious goal is to cure Parkinson's; therefore, the Foundation funds projects at any stage of the investigation into the disease, its biomarkers, its potential treatments and, ultimately, its cure.

II. AREAS OF FOCUS

All aspects of Parkinson's disease, treatments, and potential cures, including:

Alpha-Synuclein

Biomarkers

Cognition

Dyskinesia

Imaging

LRRK2

• Neurotrophic factors

III. ORGANIZATIONAL STRUCTURE

MJFF has a detailed research strategy that includes funding projects for the above-listed areas of focus. MJFF targets projects which attempt to remove the hurdles and roadblocks which prevent ideas and finding from being translated into real-world treatments. Specific programs include:

<u>Target Advancement Program</u>: Supports research characterizing promising, novel PD-relevant targets or continuing target biology work on established PD targets. Preferred targets for this program already demonstrate links to PD in human patient populations. These awards are well-suited to projects where hypothetical or experimental rationale for a target is compelling but limited, and study results can make the case for continuing (or discontinuing) a line of research. Subtopics are Research Models and Biological Mechanisms.

Therapeutic Pipeline Program: Supports PD therapeutic development along the pre-clinical and clinical path. Particularly interested in projects with potential for fundamentally altering disease course and/or significantly improving treatment of symptoms above and beyond current standards of care. Proposals must have a well-defined plan for moving toward clinical utility for patients. This program is open to industry and academic investigators proposing novel approaches or repositioning approved or clinically safe therapies from non-PD indications. Subtopics are Disease-Modifying Strategies and Symptomatic Strategies.

Improved Biomarkers and Clinical Outcome Measures Program: Supports research that will develop biomarker tools and clinical outcome measures to assist in target validation for therapeutic development and ultimately inform clinical trial design, execution and interpretation of results. Prospective studies or retrospective studies utilizing existing data in human biofluids are eligible for this initiative. Subtopics are: Imaging Studies, Clinical/Non-Invasive Physiological Studies, Biochemical Assays and Outcome Measures, and Data Science.

<u>Pipeline Strategy</u>: Encourages translational research by having basic science researchers partner with applied scientists, many of whom are at pharmaceutical companies. Four grants under the Pipeline Strategy are Clinical Intervention Awards; Target Validation grants; Therapeutics Development Initiative; and Rapid Response Innovations Awards.

Foreign researchers qualify to be directly funded from MJFF, without the need to partner with a US-based researcher.





See <u>funding opportunities</u> on the Foundation Web site. Most grants should be in response to a particular solicitation.

IV. FUNDING MECHANISMS

- Grants
- Subawards

V. GRANT-SEEKING RECOMMENDATIONS





FUNDER/SPONSOR: NATIONAL ATAXIA FOUNDATION (NAF)

FUNDER SPONSOR TYPE: Private/Non-Profit

FOREIGN RESEARCHER ALLOWANCES: Open

ACADEMIC DISCIPLINES: Neuroscience, Cell Biology, Molecular Biology, Orthopaedics, Biomedical

I. ORGANIZATIONAL MISSION STATEMENT

The National Ataxia Foundation is dedicated to improving the lives of persons affected by ataxia through support, education, and research. The Foundation's primary purpose is to support promising ataxia research and to provide vital programs and services for ataxia families.

II. AREAS OF FOCUS

- Ataxia
- Neurology
- Neuromuscular disorders

III. ORGANIZATIONAL STRUCTURE

NAF has a Board of Directors and a Medical Research Advisory Board, which produce an <u>annual report</u> describing the research projects NAF funded throughout the year. NAF is committed to funding the best science relevant to hereditary and sporadic types of ataxia in both basic and translational research. NAF invites research applications from the U.S. and international non-profit and for-profit institutions. Non-U.S. citizens are eligible to apply for research grants.

Research Grants

One-year seed money grants of up to \$15,000 USD, but promising proposals up to a maximum of \$30,000 USD will be considered for early or pilot phases of studies and ongoing investigations. Applicants must be faculty members.

NAF Young Investigator Awards

One-year grants of \$35,000 USD to encourage young investigators to pursue a career in the field of any form of ataxia research.

NAF Fellowship Awards

One-year grants up to \$35,000 USD. Applicants should have completed at least one year of post-doctoral training, but not more than two at the time of application, and demonstrated commitment to research in the field of ataxia.

NAF Pioneer SCA Translational Awards

One-year grant of \$100,000 USD focusing on research investigations that will facilitate the development of treatments for the Spinocerebellar Ataxias will be awarded.

Research Training Fellowship in Ataxia

Co-funded by the American Academy of Neurology, the American Brain Foundation, and the National Ataxia Foundation to support research training in ataxia. Each fellowship consists of a commitment of \$55,000 USD per year for two years, plus \$10,000 USD per year for tuition to support formal education in research methodology at the applicant's institution or elsewhere.





IV. FUNDING MECHANISMS

Grants

V. GRANT-SEEKING RECOMMENDATIONS



FUNDER/SPONSOR: THE ROCKEFELLER FOUNDATION

FUNDER SPONSOR TYPE: Private/Non-Profit

FOREIGN RESEARCHER ALLOWANCES: Open

ACADEMIC DISCIPLINES: Agriculture and Food Science, Food Security

I. ORGANIZATIONAL MISSION STATEMENT

Promoting the well-being of humanity throughout the world. The Rockefeller Foundation uses three reinforcing levers for impact to varying degrees:

- **Intervention:** Implementing time-bound initiatives that have specific goals and metrics, that directly impact people, and that can be scaled up or replicated more widely.
- **Influence:** Leveraging The Rockefeller Foundation's role and reputation as a catalyst, thought leader, and convening entity to support new solutions to global problems.
- **Innovation:** Identifying, designing, testing, supporting and implementing novel solutions, processes, and technologies.

II. AREAS OF FOCUS

- Transform cities
- Advance health
- Revalue ecosystems
- Secure livelihoods

III. ORGANIZATIONAL STRUCTURE

Governed by a Board of Trustees. Offices are located in Bellagio Center, Italy; Nairobi, Kenya; Bangkok, Thailand; and New York City, United States.

IV. FUNDING MECHANISMS

<u>Cassava Innovation Challenge: Addresses</u> food loss and spoilage in the cassava value chain. Part of The Rockefeller Foundation's YieldWise initiative, the Challenge will provide up to

\$1 million, as well as technical assistance from Dalberg and IITA, to further develop novel solutions that increase shelf life.

Unsolicited funding inquiries will only be considered through Rockefeller's online funding inquiry process.

V. GRANT-SEEKING RECOMMENDATIONS



FUNDER/SPONSOR: RUSSELL SAGE FOUNDATION

FUNDER SPONSOR TYPE: Private/Non-Profit

FOREIGN RESEARCHER ALLOWANCES: Not stated; list of recent awards includes researchers from universities in the

E.U.

ACADEMIC DISCIPLINES: Social Science

I. ORGANIZATIONAL MISSION STATEMENT

To improve the social and living conditions in the United States. The Foundation dedicates itself exclusively to strengthening the methods, data, and theoretical core of the social sciences as a means of improving social policies in the U.S.

II. AREAS OF FOCUS

- Behavioral economics
- Future of work
- Race, ethnicity, and immigration
- Social inequality

III. ORGANIZATIONAL STRUCTURE

The Foundation currently pursues four principal programs listed below. All grant programs require a Letter of Inquiry in order to be invited to submit a full proposal. Information about <u>program deadlines</u> is provided on the Foundation Web site.

<u>Behavioral Economics</u>: Supports research that incorporates the insights of psychology and other social sciences into the study of economic behavior. Grant programs include <u>Project and Presidential Awards</u> and <u>Small Grants</u>.

<u>The Future of Work</u>: Supports research that examines the causes and consequences of the deteriorating quality of low-wage jobs in the U.S.

Race, Ethnicity, and Immigration: Supports research on the social, economic, and political effects of the changing racial and ethnic composition of the U.S. population, including the transformation of communities and ideas about what it means to be American.

<u>Social Inequality</u>: Supports research on whether rising economic inequality has affected social, political, and economic institutions, and the extent to which increased inequality has affected equality of opportunity, social mobility, and the intergenerational transmission of advantage.

The Foundation accepts proposals to the following Special Initiatives:

<u>Computational Social Science</u>: Supports social science research that brings new data and methods to bear on questions of interest in its core programs in Behavioral Economics, Future of Work, Race, Ethnicity and Immigration, and Social Inequality. Limited consideration will be given to questions that pertain to core methodologies, such as causal inference and innovations in data collection.

<u>Improving Education and Reducing Inequality in the United States</u>: Supports research projects that deepen our understanding of educational opportunity and success in the U.S. by using data on academic achievement from the Stanford Education Data Archive (SEDA).

Social, Economic, and Political Effects of the Affordable Care Act: Special interest in funding analyses that address





important questions about the effects of the reform on outcomes such as financial security and family economic well-being, labor supply and demand, participation in other public programs, family and children's outcomes, and differential effects by age, race, ethnicity, nativity, or disability status.

The Foundation provides the following scholar programs:

<u>Visiting Scholars Program</u>: Supports selected scholars in the social, economic and behavioral sciences to pursue their research and writing while in residence at the Foundation's New York headquarters.

<u>Visiting Journalist</u>: Provide journalists the time and resources needed to carry out an original project, as well as interact with resident visiting scholars who might help inform the development of these projects.

IV. FUNDING MECHANISMS

- Grants
- Fellowships

V. GRANT-SEEKING RECOMMENDATIONS





FUNDER/SPONSOR: SCHLUMBERGER CORPORATE UNIVERSITY FOUNDATIONS

FUNDER SPONSOR TYPE: Corporate business

FOREIGN RESEARCHER ALLOWANCES: Open

ACADEMIC DISCIPLINES: Biological Sciences, Chemistry, Physics, Mathematics, Engineering, Geophysics, Chemical Sciences, Biotechnology, Natural and Physical Sciences, Energy Sciences

I. ORGANIZATIONAL MISSION STATEMENT

Schlumberger is the world's leading provider of technology for reservoir characterization, drilling, production, and processing to the oil and gas industry. Working in more than 85 countries, Schlumberger has principal offices in Paris, Houston, London and The Hague.

II. AREAS OF FOCUS

- Science and technology
- Global energy
- Oil and gas exploration

III. ORGANIZATIONAL STRUCTURE

Schlumberger manages its business through 35 GeoMarket regions, which are grouped into four geographic areas: North America, Latin America, Europe & Africa, Russia, Middle East and Asia. The GeoMarkets provide a conduit through which Schlumberger engineers and geoscientists maximize technological synergies over the entire life of the field.

Schlumberger is French company, however, its Corporate University Relations office is based in the U.S. Schlumberger supports researchers in the U.S. and Europe, and sometimes in collaboration with one another. Proposals are accepted on a rolling deadline. Contact the Director of Corporate University Relations for more information.

VI. FUNDING MECHANISMS

Grants

V. GRANT-SEEKING RECOMMENDATIONS

Send your questions regarding research topics and eligibility to Dr. Najib Abusalbim, Director of Corporate University Relations, abusalbi@slb.com.





FUNDER/SPONSOR: SHWACHMAN-DIAMOND SYNDROME FOUNDATION (SDSF)

FUNDER SPONSOR TYPE: Private/Non-Profit Foundation

FOREIGN RESEARCHER ALLOWANCES: Open

ACADEMIC DISCIPLINES: Medicine, Orthopaedics, Pediatrics, Dentistry

I. ORGANIZATIONAL MISSION STATEMENT

- Advocate for and find research towards improved treatment and a cure.
- Raise awareness of Shwachman-Diamond Syndrome (SDS) in the medical community and general public.
- Provide educational and emotional support to patients and their families.
- Link families through the Internet and family conferences.
- Disseminate current medical information.
- Support an International Scientific Congress and the North American SDS Patient Registry.

II. AREAS OF FOCUS

- Potential novel therapies or therapeutic strategies
- Evaluation of predictors of bone marrow abnormalities
- Evaluation of protocols and regimes for bone marrow transplants
- Causes of and investigative treatments for bone marrow failure and leukemia
- Causes and treatments for graft vs. host disease and other infections of post-bone marrow transplants
- Investigations related to adult patient presentation, management, and care, including transition from pediatric-centered to adult care

III. ORGANIZATIONAL STRUCTURE

SDSF is governed by a Board of Directors and a Medical and Scientific Advisory Board.

IV. FUNDING MECHANISMS

SDSF accepting grant requests for research relevant to SDS, including skeletal anomalies, metaphyseal dysostosis, rib abnormalities, cleft palate, dental abnormalities. Any high-quality, innovative research proposal deemed relevant to SDS will be considered. Support may be provided for up to two years in an amount not to exceed \$35,000 USD per year.

V. GRANT-SEEKING RECOMMENDATIONS





FUNDER/SPONSOR: SIMONS FOUNDATION

FUNDER SPONSOR TYPE: Private/Non-Profit

FOREIGN RESEARCHER ALLOWANCES: Open

ACADEMIC DISCIPLINES: Mathematics, Physical Science, Life Science, Autism,

Theoretical Physics

I. ORGANIZATIONAL MISSION STATEMENT

To advance the frontiers of research in mathematics and the basic sciences. The Simons Foundation at its core exists to support basic or discovery-driven scientific research, undertaken in pursuit of understanding the phenomena of our world. The Foundation seeks to create strong collaborations and foster cross-pollination of ideas between investigators, as these interactions often lead to unexpected breakthroughs and new understanding.

II. AREAS OF FOCUS

- Mathematics and physical sciences
- Life sciences
- Autism research

III. ORGANIZATIONAL STRUCTURE

The Simons Foundation is governed by a board of directors, and has both administrative and scientific staff members as well as a Senior Officer of Civic Affairs. The Foundation's support of scientists generally takes the form of direct grants to individual investigators and projects through their academic institutions. The Foundation makes grants in four areas:

<u>Mathematics and Physical Sciences:</u> Programs include Simons Investigators, Simons Fellows, <u>Targeted Grants in Mathematics and Physical Sciences</u>, and <u>Collaboration Grants for Mathematicians</u>.

<u>Life Sciences: The goal of the Simons Collaboration on the Origins of Life program</u> is to advance our understanding of the processes that led to the emergence of life in the universe. This collaboration supports innovative research on the astrophysical and planetary context of the origins of life, the development of prebiotic chemistry, the assembly of the first cells, the advent of Darwinian evolution and early signs of life on Earth.

<u>Simons Foundation Autism Research Initiative (SFARI)</u>: A scientific initiative within the Simons Foundation, SFARI aims to improve the understanding, diagnosis, and treatment of autism spectrum disorders by funding innovative research of the highest quality and relevance. With a budget of approximately \$65 million USD per year, SFARI has provided or committed more than \$362 million in external research support to more than 250 investigators in the U.S. and abroad. SFARI offers annual <u>Research Awards</u>, <u>Pilot Awards</u>, and <u>Explorer Awards</u> for projects across all areas of autism science.

Education & Outreach: Programs seek to stimulate a deeper interest and understanding of science and mathematics among students, professionals and the interested public. Our education initiative, namely, Math for America, focuses on reaching secondary school students with a corps of outstanding STEM teachers and leaders in U.S. public schools. Foundation outreach programs aim to connect outstanding scientists with the general public, communicating the excitement of science and providing opportunities for discourse on emerging or important scientific topics of our times.

IV. FUNDING MECHANISMS

Grants





Fellowships

V. GRANT-SEEKING RECOMMENDATIONS



FUNDER/SPONSOR: SMITHSONIAN INSTITUTION (SI)

FUNDER SPONSOR TYPE: Private/Non-Profit

FOREIGN RESEARCHER ALLOWANCES: Open

ACADEMIC DISCIPLINES: Conservation, Preservation, Arts and Humanities, Social Sciences, Natural and Biological History, Museum Studies and Exhibits, Cultural Heritage, Biodiversity

I. ORGANIZATIONAL MISSION STATEMENT

With a straightforward mission to promote the "increase and diffusion of knowledge," the Smithsonian Institute supports efforts to preserve heritage, uncover new knowledge, and share its resources with the world. In pursuing this goal, SI has four Grand Challenges: (1) Unlock the mysteries of the universe, supporting paleontological, geological and astrological research; (2) Understanding and sustaining global biodiversity, investing in biological, geological and climate-focused disciplines; (3) Valuing world cultures through the support of education, resource-sharing and diplomacy; and (4) Understanding American culture by exploring U.S. history, cultural trends and disparate experiences.

II. AREAS OF FOCUS

- Geology and environmental sciences
- Paleontology
- Anthropology and archeology
- Biology, marine biology, forestry and life sciences
- Arctic studies
- Folklore and culture heritage

III. ORGANIZATIONAL STRUCTURE

The Smithsonian funds a variety of research grants; however, of particular interest to foreign researchers is the opportunity to partner with SI researchers on grants the SI receives for other entities, such as the U.S. federal government or a non-federal foundation. In order to determine connections, foreign researchers should review the research objectives and areas of interest listed within SI's <u>Research Centers</u> and its <u>research programs</u>. The SI's Office for Sponsored Programs can be a resource for further developing such research collaborations. The Smithsonian Research Centers include:

- Archives of American Art
- Astrophysical Observatory
- Conservation Biology Institute
- Environmental Research Center
- Marine Station at Fort Pierce
- <u>Museum Conservation Institute</u>Smithsonian Institution Archives
- Smithsonian Libraries
- Tropical Research Institute

SI also offers a variety of <u>fellowship</u>, <u>internship and research associate opportunities</u>. In general, fellowship opportunities are available to graduate, pre-doctoral and post-doctoral students, as well as visiting researchers and scholars, including those from foreign institutions. Proposals should detail a path of independent study that aligns with the research interests and fields pursued by SI staff (see Research Centers and programs above). Most fellowship appointments last between one to three years and are awarded on a deadline or rolling basis. <u>See the full list of fellowship opportunities</u>.





IV. FUNDING MECHANISMS

- Grants
- Subawards and collaboration agreements
- Fellowships

V. GRANT-SEEKING RECOMMENDATIONS





FUNDER/SPONSOR: SPENCER FOUNDATION

FUNDER SPONSOR TYPE: Private/Non-Profit

FOREIGN RESEARCHER ALLOWANCES: Open

ACADEMIC DISCIPLINES: Education, Education Policies, Pedagogy

I. ORGANIZATIONAL MISSION STATEMENT

Grounded in a candid recognition of the complex and multi-layered ecosystem of the education enterprise, both in the U.S. and abroad, the Spencer Foundation seeks to fund projects which will have a clear impact on increasing understanding and creating improvements to education policy and practice.

II. AREAS OF FOCUS

- Educational challenges
- Education journalism
- Pedagogy and curriculum development
- Modern civic education
- Educational data
- Philosophy and education
- Education metrics an evaluation tools

III. ORGANIZATIONAL STRUCTURE

Interested researchers may prepare applications that respond anywhere within the broad mission of the Foundation, or they may narrow their focus to align with one of the pre-set initiatives. The Foundation's strategic initiatives for 2016 are:

<u>The New Civics</u>: Seeks to understand how education can affect and, ultimately contribute, to the civic engagement of young people.

<u>Data Use and Educational Improvement</u>: Seeks to understand how educational institutions can use data, especially their own sources, for organizational and educational improvement.

<u>Philosophy in Educational Policy and Practice</u>: Seeks to bring the tools and practices of contemporary moral and political philosophy for application in the education sector.

The Foundation has two primary mechanisms for funding research grants, which can include investigator-initiated proposals and those responding to the Foundation's initiatives above:

Lyle Spencer Research Awards: Large-scale grants, typically funding between \$100,000 and \$1,000,000 USD, designed for intellectually ambitious projects tackling problems in the learning and teaching process, broader institutional and policy landscapes that affect educational goals, and studies that create new or improve existing research tools and metrics.

<u>Small Research Grants</u>: Grants are typically \$50,000 USD or less and have a small focus and impact. While no less vital to improving the field of education, these grants will have more of an experimental or pilot-project approach.

Foreign applicants are eligible to apply for funding and are commonly recipients of these awards. All grants types, requirements, application processes and eligibility criteria are listed here: http://www.spencer.org/what-we-fund.

IV. FUNDING MECHANISMS

Grants





- Subawards
- Fellowships and career awards
- Conference grants

V. GRANT-SEEKING RECOMMENDATIONS





FUNDER/SPONSOR: JOHN TEMPLETON FOUNDATION

FUNDER SPONSOR TYPE: Private/Non-Profit

FOREIGN RESEARCHER ALLOWANCES: Non-U.S. organizations are eligible to apply for funding.

ACADEMIC DISCIPLINES: Humanities, Philosophy, Religious Studies

I. ORGANIZATIONAL MISSION STATEMENT

The John Templeton Foundation serves as a philanthropic catalyst for discoveries relating to the Big Questions of human purpose and ultimate reality. The Foundation encourages civil, informed dialogue among scientists, philosophers, and theologians and between such experts and the public at large, for the purposes of definitional clarity and new insights.

II. AREAS OF FOCUS

- Complexity
- Evolution
- Infinity
- Creativity
- Forgiveness
- Love
- Free will

III. ORGANIZATIONAL STRUCTURE

Sir John Templeton founded the organization in 1987. The Foundation is governed by a 12-member Board of Trustees, several of whom are members of the Templeton family. The Trustees are guided by the charter and bylaws written by Sir John Templeton. The Foundation has two primary program thrusts:

<u>Templeton Prize</u>: Honors a living person who has made an exceptional contribution to affirming life's spiritual dimension, whether through insight, discovery, or practical works. The Prize aims to identify outstanding individuals who have devoted their talents to expanding the Foundation's vision of human purpose and ultimate reality. The Prize celebrates no particular faith tradition, but rather the quest for progress in humanity's efforts to comprehend the many and diverse manifestations of the Divine.

Men and women of any creed, profession, or national origin may be nominated. The Prize has been awarded to scientists, philosophers, theologians, members of the clergy, philanthropists, writers, and reformers, for work that has ranged from the creation of new religious orders and social movements to humanistic scholarship to research about the origins of the universe.

<u>Core Funding Areas</u>: Guides the Foundation's grantmaking as it works to find world-class researchers and project leaders to share in its pursuit of John Templeton's dynamic, contrarian, forward-looking vision. Core Funding Areas include: (1) Science and the Big Questions;

(2) Character Virtue Development; (3) Individual Freedom & Free Markets; (4) Exceptional Cognitive Talent & Genius; and (5) Genetics.

Within the Core Funding Area, researchers may submit requests for Small or Large Grants:





- <u>Small Grants</u> are defined as requests for \$217,400 USD or less. Applicants must submit an <u>Online</u>
 <u>Funding Inquiry</u> (OFI) in order to receive an invitation to submit a full proposal. Deadlines: OFI deadlines for small grant requests occur at the end of February, May, August, and November.
- <u>Large Grants</u> are defined as requests for more than \$217,400 USD. Applicants must submit an <u>Online Funding Inquiry</u> (OFI) in order to receive an invitation to submit a full proposal. Deadlines: OFIs must be received by August 31 annually. The Full Proposal for all large grants will be due by January of the following year.

IV. FUNDING MECHANISMS

Grants

V. GRANT-SEEKING RECOMMENDATIONS

Send your questions about eligibility to the program officer or other point of contact identified in the funding opportunity.





FUNDER/SPONSOR: UNITED STATES INSTITUTE OF PEACE (USIP)

FUNDER SPONSOR TYPE: Private/Non-Profit

FOREIGN RESEARCHER ALLOWANCES: Yes

ACADEMIC DISCIPLINES: International Planning, International Affairs, Conflict Theory,

Conflict Resolution, Intergovernmental Relations

I. ORGANIZATIONAL MISSION STATEMENT

To prevent, mitigate, and resolve violent conflicts around the world by engaging directly in conflict zones and providing analysis, education and resources to those working for peace.

II. AREAS OF FOCUS

- Conflict analysis and prevention
- Economics
- Gender
- Mediation and facilitation
- Religion
- Science and technology
- Training

- Countering violent extremism
- Education
- Media and conflict
- Post-conflict reconstruction
- Rule of law
- Security sector governance
- Youth

III. ORGANIZATIONAL STRUCTURE

USIP is governed by a board of directors, a president, and executive vice president and a team of senior staff. The Institute supports research, education, training, and other peacebuilding projects (e.g., mediations and dialogues) by scholars and practitioners working at academic institutions, nongovernmental organizations and other nonprofit agencies in the U.S. and around the world.

USIP grants advance understanding of and promote impactful projects on themes that span the full life cycle of conflict—from early warning and conflict prevention, to negotiation, mediation and conflict management, to transitional justice, disarmament, demobilization and reintegration, and post-conflict peacebuilding.

Applicants are required to first submit a Concept Note; selected Concept Notes will be invited to move forward in the process and must then submit a full application. Applications are reviewed by the USIP internal staff, external subject matter experts, and organizational peers. USIP Board of Directors and Executive Office make the final decision

USIP funds targeted opportunities to support institutions that test and advance models of peacebuilding practice, and build the capacity of organizations in conflict countries to implement and assess the effectiveness of creative peacebuilding programs and strategies. Programs include:

- South and Central Asia Grant
- Promoting Youth Engagement and Countering Violent Extremism in Libya and Tunisia
- <u>Learning from Peace in Sub-Saharan Africa</u>
- Palestinian Peacebuilding Grant
- Enhancing Positive Relations and Mitigating Tensions between Syrian Refugees and Host Communities
- Middle East and North Africa Grant





IV. FUNDING MECHANISMS

Grants

V. GRANT-SEEKING RECOMMENDATIONS



FUNDER/SPONSOR: WILLIAM AND FLORA HEWLETT FOUNDATION

FUNDER SPONSOR TYPE: Private/Non-Profit

FOREIGN RESEARCHER ALLOWANCES: Open/Limited

ACADEMIC DISCIPLINES: Performing Arts, Arts Education, Reproductive Health, Sociology, Economics, Ecology, Conservation and Environmental Studies, Climatology, Education, Population Studies

I. ORGANIZATIONAL MISSION STATEMENT

The Foundation's purpose "to help promote the well-being of humanity" is achieved by supporting projects and actions in the areas of education, poverty reduction, environmental and conservation actions, global development initiatives, performing arts and improvement of the lives of residents in the San Francisco Bay area.

II. AREAS OF FOCUS

- Global development and population
- Reproductive health
- Energy and climate
- Performing arts and arts education
- Philanthropy
- Nuclear security
- Open educational resources

- Global governance and financial transparency
- Western U.S. conservation
- Clean energy
- Arts infrastructure and communities
- Cybersecurity and cyberpolicy
- "Deeper learning" and core academic content

III. ORGANIZATIONAL STRUCTURE

The William and Flora Hewlett Foundation was founded by the Hewlett family of San Francisco in 1966 with funds earned from the success of early technology giant Hewlett-Packard. Having awarded over \$400 million in grant funds in 2015, the Hewlett Foundation is one of the largest private foundations in the U.S. While the Foundation funds a wide variety of topics and disciplines, most of the opportunities which are open to international researchers and non-US regions of research are in the following programs:

Education: Grants to improve education by expanding the reach of openly available educational resources, improving California education policies, and by supporting the fundamental knowledge and practical basic skills all students will need to succeed. The Education Program pursues these goals by investing in organizations that develop and advocate for innovation in ideas, practices, and tools, as well as those that participate in the public policy debate on these issues. The Foundation does not consider requests to fund student aid, individual scholarships, construction, equipment and computer purchases, health research, or health education programs. The Education Program does not accept Letters of Inquiry for its grantmaking.

<u>Environment</u>: Grants to conserve the North American West, expand clean energy, and address climate change. The Environment Program accepts Letters of Inquiry for its <u>Western Conservation</u>, <u>Energy and Climate</u>, and <u>Serving Bay Area Communities</u> grantmaking. See <u>Environment Program Grantseekers</u> for more information and review the grant guidelines.

<u>Global Development and Population</u>: Grants to help people around the world develop their capabilities as individuals, citizens, workers, and parents. This includes (1) grants to expand women's choices about whether to have children, how to raise their family, and how they earn a living, and (2) grants to help citizen groups get information about what their governments do, helping them take action to improve the quality of schools, health clinics, and other services in their communities. The Foundation supports organizations





that shine a light on how governments are financed and how they spend their money. Grantees monitor the quality of government-financed services, such as health and education.

<u>Special Projects</u>: The Foundation allows for research projects that do not fit cleanly into any of the above programs by using a Special Project designation. While it may not be relevant to foreign researchers, the Foundation is known for supporting many research goals and initiative that enhance the lives of the residents of the Bay Area and, more broadly, all of California.

See the Foundation website for <u>program guidelines and eligibility requirements</u> for each of the Hewlett Foundations programs. Under some programs, such as Energy and Climate, the Foundation only funds other Foundations, which in turn distribute the funding to researchers and their home institutions; under other programs, like cybersecurity, researcher institutions are directly funded. The Foundation is also varied from program to program on its willingness to accept unsolicited letter of inquiry (online form).

The Foundation does not fund scholarships, capital campaigns nor construction grants. For-profit entities are typically ineligible.

IV. FUNDING MECHANISMS

Grants

V. GRANT-SEEKING RECOMMENDATIONS





AUTHORS: NCURA, TIFFANY B. BLACKMAN, MICHELLE M. SCHOENECKER, TARYN STROOP



TIFFANY B. BLACKMAN is the Senior Director of Pre-Award Services at Harvard University. With over 15 years of experience in the field of research administration in higher education, Tiffany has extensive knowledge of best practices for collaborating and negotiating with U.S. federal, non-federal and international research sponsors. Drawing on her diverse background, including a social science degree (BA in Archaeology, Boston University) and post-graduate work in law and administration, she can advise on sponsored projects management and demystify the inner-workings of U.S. universities. She has written and implemented institution-wide policies as well as provided in-depth training on a broad range of sponsored topics, including data-use agreements, intellectual property policies, and electronic research administration. She aided in creating and implementing the sponsored infrastructure for Harvard Global, a new non-profit entity created to provide a common administrative infrastructure for multiple overseas activities, primarily led by the Harvard University faculty. Most recently, she has taken on a role in the school-level research administration and is

working to increase the international funding development and compliance services for university faculty. To contact Tiffany, please email her at tiffany_blackman@harvard.edu.

MICHELLE M. SCHOENECKER is a Senior Proposal Development Manager in the Office of Research at the University of Wisconsin-Milwaukee (UWM), and has more than 20 years of extensive proposal writing and development experience in the non-profit, for-profit, and higher education sectors. She earned her Master's degree in English from UWM with a specialization in professional & technical communication, and a Bachelor's degree in professional communications from Alverno College. In addition, Michelle has also served as an adjunct instructor for a technical communications course in the UWM College of Engineering & Applied Science, and she has given many proposal writing presentations and workshops. To contact Michelle, please email her at schoene?@uwm.edu.





TARYN STROOP is the Grants Analyst for Wilkinson College, home of the liberal arts, social sciences, and humanities at Chapman University. Chapman is located in Southern California and is ranked #6 in Regional Universities West by U.S. News and World Report. Taryn has a BA in sociology from Chapman University College and a graduate certificate in Grantsmanship from the University of Missouri. Although relatively new to the field of research administration, Taryn has had tremendous opportunity to work on several successfully awarded national and international grant proposals including the Delegation of the European Union to the United States: Getting to Know Europe grant which was awarded for 2015-2017 to Chapman University for their work in the Creative Industries. Currently, she is also an editor of a monthly research newsletter- "The CRASSH Report", which distributes funding opportunities

and research news university wide. To contact Taryn, please email her at stroop@chapman.edu.

10/28/2016

