General

Evidence Based Decision Making in State and Local Jurisdictions: Initiative Review
Department of Justice - National Institute of Corrections
Due Date: 7/6/2020
https://www.grants.gov/web/grants/view-opportunity.html?oppId=327287

The overarching goal of the Evidence Based Decision Making (EBDM) initiative is to establish and test articulated linkages (information tools and protocols) between the decisions of local criminal justice stakeholders and the application of human and organizational change principles (evidence-based practices) in achieving measurable reductions in pretrial misconduct and post-conviction risk of reoffending. The unique focus of the EBDM initiative is the review of locally developed criminal justice strategies that guide practice within existing statues and rules. The initiative intends to (1) improve the quality of information that jurisdictions use to make individual case decisions in local systems and (2) engage these systems as policymaking bodies to collectively improve the effectiveness and capacity of their decision making related to pretrial release/sentencing options. Local officials involved in the initiative included: judges, prosecutors, public defenders, police, human service providers, county executives, and administrators of jail, probation, and pretrial services agencies.

Fomenting research partnerships between the U.S. and the D.R.
Department of State - U.S. Mission to the Dominican Republic
Due Date: 7/6/2020
https://www.grants.gov/web/grants/view-opportunity.html?oppId=327465

The Public Affairs Section (PAS) of the U.S. Embassy in Santo Domingo announces an open competition to support effective partnerships that will bolster and leverage U.S. - Dominican Republic higher education research collaboration and capacity building focused on issues exacerbated by the COVID-19 pandemic, including gender-based violence, public health, and access to education for vulnerable populations. Proposals should include at least one U.S. higher education institution and one Dominican higher education institution as joint implementers. The proposal should support the development of a sustainable and long lasting partnership between U.S. and Dominican higher education institutions and training and capacity building for Dominican students, faculty, and researchers.
YSEALI Regional Workshop: "Enhancing ASEAN Human Capital in Health"
Department of State - U.S. Mission to Vietnam
Due Date: 7/13/2020
https://www.grants.gov/web/grants/view-opportunity.html?oppId=327382

U.S. Embassy Hanoi announces an open competition for organizations to submit applications to design, plan, and implement a three-day workshop (not inclusive of travel dates) in Hanoi, Vietnam for the Young Southeast Asian Leaders Initiative (YSEALI), pending the availability of funds. The three-day workshop in May 2021 will gather approximately 50-80 participants between 20-30 years of age from all ten ASEAN member states and Timor-Leste around the theme, “Enhancing ASEAN Human Capital in Health.” YSEALI is the U.S. government’s signature initiative to strengthen partnerships with emerging leaders in ASEAN member states (Brunei, Cambodia, Indonesia, Laos, Malaysia, Myanmar, Philippines, Singapore, Thailand, and Vietnam) and Timor-Leste. Program participants are encouraged to work across national borders to solve regional challenges, encompassed by the four pillars of YSEALI – economic growth, sustainable development, education, and civic engagement – and to strengthen the U.S.-ASEAN partnership. Through a variety of programs and engagements, YSEALI seeks to build the leadership capabilities of youth in the region, strengthen ties between the United States and Southeast Asia, and nurture a community of leaders who work across borders to solve shared issues.

Real-Time Transit Infrastructure and Rolling Stock Condition Assessment Demonstration Program
Department of Transportation - DOT/Federal Transit Administration
Due Date: 7/17/2020
https://www.grants.gov/web/grants/view-opportunity.html?oppId=327355

Notice of Funding Opportunity for Real-Time Transit Infrastructure and Rolling Stock Condition Assessment Demonstration Program. The Federal Transit Administration (FTA) announces the availability of $1.25 Million Public Transportation Innovation funds to projects that demonstrate innovative, effective approaches, practices, partnerships, and technologies that enhance public transportation effectiveness, increase efficiency, expand quality, promote safety, and improve the traveler’s experience. FTA is seeking applications for demonstration projects that deploy cutting edge technologies to provide real-time assessment of transit infrastructure and rolling stock conditions. The major goals of this program are to enhance asset management of infrastructure and safety through innovative technologies and allow a more effective way for transit agencies to assess, detect, monitor and track deficiencies and defects related to transit infrastructure.

U.S. Consulate General Naha Annual Program
Department of State – U.S. Mission to Japan
Due Date: 08/01/2020
https://www.grants.gov/web/grants/view-opportunity.html?oppId=323093

PAS Naha invites Statement of Interest (SOI) for projects that strengthen cultural ties between the U.S. and Japan with an emphasis on Okinawa through cultural and exchange programming that highlights shared values and pro-motes bilateral cooperation. All programs must include an American cultural element, or connection with American expert/s, organization/s, or institution/s in a specific field that will promote increased understanding of U.S. policy and perspectives. All programs must take place on Okinawa or creates opportunities for residents of Okinawa. Examples of PAS Small Grants Program projects include, but are not limited to: Academic and professional lectures, seminars and speaker programs; Artistic and cultural workshops, joint performances and exhibitions; or Professional and academic exchanges and projects.
The NRL’s Broad Agency Announcement (BAA) issued under the provisions of paragraphs 35.016 and 6.102(d)(2) of the Federal Acquisition Regulations (FAR). Proposals may range from theoretical studies to proof-of-concept to include fabrication and delivery of a prototype. However, this is limited to research procurements for which it would be impossible to draft an adequate RFP in sufficient detail without restraining the technical response and thus hindering competition rather than expanding it. BAA topics include all NRL sites located in the Washington, DC area, the Stennis Space Center, MS, and Monterey, CA. Proposals submitted in response to a BAA announcement that are selected for award are considered to be the result of full and open competition and are in full compliance with the provisions of Public Law 98-369, "The Competition in Contracting Act of 1984."

Youth Engagement, Education, and Employment
Department of the Interior – Fish and Wildlife Service
Due Date: 09/15/2020
https://www.grants.gov/web/grants/view-opportunity.html?oppId=323101

The U.S. Fish and Wildlife Service's (USFWS or Service) National Wildlife Refuge System (NWRS) is accepting proposals from non-profit, state, and local government youth and veteran serving organizations with the interest and capacity to work cooperatively with the USFWS to develop introductory educational experiences in natural resource careers to young people and veterans, including culturally, ethnically and economically diverse students, and under-served communities that traditionally have low participation in outdoor recreation activities through hands-on experience and mentoring at a variety of USFWS programs including but not limited to, national wildlife refuges, fish hatcheries, and ecological services offices. Under this program, individuals and/or groups of youth, young adults, and veterans: Will be introduced to natural resource careers through hands-on work with, and training by, natural resource professionals employed by the USFWS may be given the opportunity to serve both seasonal and or year-round assignments. Will enhance conservation stewardship; increase outdoor recreation opportunities for all Americans and improve the management of game species and their habitats for this generation and beyond. Will be introduced to various real-world conservation and rehabilitation activities such as invasive species management, habitat restoration, wildlife management, public education and interpretation, disaster response and mitigation, and communications, mixed with informal and formal training sessions directed by USFWS employees during assignments. Will enhance and expand public access to lands and waters. Will be provided feedback for their future growth and may receive consideration for future employment with the USFWS.
NSF Dynamic Language Infrastructure – NEH Documenting Endangered Languages
National Science Foundation
Due Date: 09/15/2020
https://www.grants.gov/web/grants/view-opportunity.html?oppId=320854

This funding partnership between the National Science Foundation (NSF) and the National Endowment for the Humanities (NEH) supports projects to develop and advance knowledge concerning dynamic language infrastructure in the context of endangered human languages—languages that are both understudied and at risk of falling out of use. Made urgent by the imminent loss of roughly half of the approximately 7000 currently used languages, this effort aims to exploit advances in information technology to build computational infrastructure for endangered language research. The program supports projects that contribute to data management and archiving, and to the development of the next generation of researchers. Funding can support fieldwork and other activities relevant to the digital recording, documentation and analysis, and archiving of endangered language data, including the preparation of lexicons, grammars, text samples, and databases. Funding will be available in the form of one- to three-year senior research grants, fellowships from six to twelve months, and conference proposals.

NIH Directors Transformative Research Awards (R01 Clinical Trial Optional)
Department of Health and Human Services - National Institutes of Health
Due Date: 9/30/2020
https://www.grants.gov/web/grants/view-opportunity.html?oppId=327295

The NIH Directors Transformative Research Award Program supports individual scientists or groups of scientists proposing groundbreaking, exceptionally innovative, original, and/or unconventional research with the potential to create new scientific paradigms, establish entirely new and improved clinical approaches, or develop transformative technologies. For the program to support the best possible researchers and research, applications are sought which reflect the full diversity of the research workforce. Individuals from diverse backgrounds and from the full spectrum of eligible institutions in all geographic locations are strongly encouraged to apply to this Funding Opportunity Announcement. In addition, applications in all topics relevant to the broad mission of NIH are welcome, including, but not limited to, topics in the behavioral, social, biomedical, applied, and formal sciences and topics that may involve basic, translational, or clinical research. No preliminary data are required. Projects must clearly demonstrate, based on the strength of the logic, a compelling potential to produce a major impact in a broad area of relevance to the NIH. The NIH Directors Transformative Research Award is a component of the High-Risk, High-Reward Research program of the NIH Common Fund.

Long Range Broad Agency Announcement (BAA) for Navy and Marine Corps Science & Technology
Department of Defense – Office of Naval Research
Due Date: 09/30/2020
https://www.grants.gov/web/grants/view-opportunity.html?oppId=321039

The Office of Naval Research (ONR), ONR Global, and the Marine Corps Warfighting Lab (MCWL) are interested in receiving proposals for Long-Range Science and Technology (S&T) Projects which offer potential for advancement and improvement of Navy and Marine Corps operations. Readers should note that this is an announcement to declare ONR's broad role in competitive funding of meritorious research across a spectrum of science and engineering disciplines.
Annual Program Statement, Public Affairs, U.S. Embassy Harare
Department of State – U.S. Mission to Zimbabwe
Due Date 09/30/2020
https://www.grants.gov/web/grants/view-opportunity.html?oppId=322155

The U.S. Embassy Zimbabwe, Public Affairs Section is seeking proposals for projects throughout the fiscal year that; promote educational and cultural exchange, build the rule of law and fiscal transparency, encourage civic discourse and action against violence and corruption, support professionalization of the media, promote freedom of expression and information encourage entrepreneurship, economic growth, innovation and sound business practices, empower women and youth with specific knowledge of women’s rights and skills to enhance economic advancement, promote social inclusion and tolerance of underserved communities such as disabled persons, minority ethnic groups, LGBTQI, and those in remote rural areas, promote greater health awareness and livelihoods in HIV prevention and AIDS treatment, promote natural resource management and sustainable environmental practices including mitigation against climate change, combat the trafficking of animals, humans, and illicit materials and substances.

Women and Minorities in STEM Fields
Department of Agriculture National Institute of Food and Agriculture
Due Date: 1/21/2021
https://www.grants.gov/web/grants/view-opportunity.html?oppId=323150

The purpose of this program is to support research, education/teaching, and extension projects that increase participation by women and underrepresented minorities from rural areas in STEM. NIFA intends this program to address educational needs within broadly defined areas of food, agriculture, natural resources, and human (FANH) sciences. Applications recommended for funding must highlight and emphasize the development of a competent and qualified workforce in the FAHN sciences. WAMS-funded projects improve the economic health and viability of rural communities by developing research and extension initiatives that focus on new and emerging employment opportunities in STEM occupations. Projects that contribute to the economic viability of rural communities are also encouraged.

Mid-Career Enhancement Awards to Integrate Basic Behavioral, Biomedical, and/or Social Scientific Processes (K18 Basic Experimental Studies with Humans Required)
Department of Health and Human Services - National Institutes of Health
Due Date: 3/17/2023
https://www.grants.gov/web/grants/view-opportunity.html?oppId=327458

The OppNet Research Career Enhancement Award (K18) program invites applications from investigators who strive to expand their research trajectories through the acquisition of new knowledge and skills in the areas of basic psychological processes, sociological processes, and/or biomedical pathways expertise that is beyond and enhances their current areas of expertise. The program will support research training and career development experiences and a small-scale research project that will provide experienced investigators with the scientific competencies required to conduct independent research projects that more thoroughly investigate interrelationships among behavioral, biological, endocrine, epigenetic, immune, inflammatory, neurological, psychological, and/or social processes. Eligible candidates are independent investigators at mid-career faculty rank or level.
Environmental Engineering
National Science Foundation
Due Date: Ongoing
https://www.grants.gov/web/grants/view-opportunity.html?oppId=320490

The Environmental Engineering program is part of the Environmental Engineering and Sustainability cluster, which also includes 1) the Nanoscale Interactions program; and 2) the Environmental Sustainability program. Environmental engineering is an interdisciplinary field that applies chemical, biological, and physical scientific principles to protect human and ecological health. The goal of the Environmental Engineering program is to support potentially transformative fundamental research that applies scientific and engineering principles to 1) prevent, minimize, or re-use solid, liquid, and gaseous discharges of pollution to soil, water, and air by closing resource loops or through other measures; 2) mitigate the ecological and human-health impacts of such releases by smart/adaptive/reactive amendments or manipulation of the environment, and 3) remediate polluted environments through engineered chemical, biological, and/or geo-physical processes. Integral to achieving these goals is a fundamental understanding of the transport and biogeochemical reactivity of pollutants in the environment. Therefore, research on environmental micro/biology, environmental chemistry, and environmental geophysics may be relevant providing the research has a clear objective of protecting human and ecological health.

Support of Competitive Research (SCORE) Research Continuance Award
Department of Health and Human Services – National Institutes of Health
Due Date: Ongoing
https://www.grants.gov/web/grants/view-opportunity.html?oppId=321893

The SCORE Program is a developmental program designed to increase the research competitiveness of faculty and the research base at institutions with an explicitly stated historical mission and/or a demonstrated track record within the previous 10 years of training and graduating students from backgrounds underrepresented in biomedical research. Eligible institutions must award science degrees to undergraduate (B.S. or B.A.) and/or graduate students (M.S. or Ph.D.) and have received less than 6 million dollars per year of NIH R01 support (total costs) in each of the last 2 fiscal years.

AHRQ Mentored Research Scientist Career Development Award
Department of Health and Human Services – Agency for Health Care Research and Quality
Due Date: Ongoing
https://www.grants.gov/web/grants/view-opportunity.html?oppId=322822

The primary purpose of the AHRQ Mentored Research Scientist Career Development Awards (K01) program is to help ensure that a diverse pool of highly trained scientists is available in appropriate scientific disciplines to address the Nation's health services research needs. This AHRQ program provides support and protected time to individuals with a research doctoral degree for an intensive, supervised research career development experience in health services research. The K01 award can be used both by individuals who propose to newly embark in health services re-search training and those who had a hiatus in their research careers because of illness or family circumstances.
Biology

Multistate Conservation Grant Program
Department of the Interior - Fish and Wildlife Service
Due Date: 8/7/2020
https://www.grants.gov/web/grants/view-opportunity.html?oppId=327379

The Wildlife and Sport Fish Restoration Program’s (WSFR) mission is to work through partnerships to conserve and manage fish and wildlife and their habitats for the use and enjoyment of current and future generations. WSFR’s vision is of healthy, diverse, and accessible fish and wildlife populations that offer recreation, economic activity, and other societal benefits, in addition to sustainable ecological functions. WSFR’s guiding principle is that society benefits from conservation-based management of fish and wildlife and their habitats and opportunities to use and enjoy them.

Institutional Network Award for Promoting Kidney, Urologic, and Hematologic Research Training (U2C/TL1 - Clinical Trial Not Allowed)
Department of Health and Human Services - National Institutes of Health
Due Date: 9/28/2022
https://www.grants.gov/web/grants/view-opportunity.html?oppId=327375

The purpose of this funding opportunity is to solicit new Institutional Network Awards (U2C/TL1) to cultivate a highly integrated cohort of people and resources to accelerate kidney, urologic and hematologic research. To maximize integration and promote a true trainee community, Institutions are invited to submit a single, unified U2C/TL1 application to engage, recruit, prepare and sustain the next generation of kidney, urology, and hematology researchers. Applications covering a single metropolitan area are strongly encouraged.

2020 National Fish Passage Program
Department of the Interior – Fish and Wildlife Service
Due Date: Continuous through 09/30/2020
https://www.grants.gov/web/grants/view-opportunity.html?oppId=321478

The National Fish Passage Program (NFPP) is a voluntary program that provides direct technical and financial assistance to partners. The program works in partnership to provide fish (and other aquatic organisms) passage and restore aquatic connectivity for the benefit of federal trust resources. In doing so, the program aims to maintain or increase fish populations in order to improve ecosystem resiliency and to provide quality fishing experiences for the American people. Activities that restore fish passage also support the modernization of country’s infrastructure such as road culverts, bridges and water diversions. Example project types include dam removals, culvert replacements, and the installation of fish ways. The NFPP is delivered through 51 Fisheries and Aquatic Conservation (FAC) Field Offices across all States and territories. FAC staff coordinate with project partners, stakeholders and other Service programs to identify and collaboratively implement projects within Regional priority areas. Project work plans are developed strategically, in coordination with partners, and with substantial involvement from FAC staff. Projects must advance the Service mission, promote biological diversity, and be based upon sound scientific biological principles. FAC and Service strategic plans inform the types of projects funded under this opportunity. Applicants seeking funding under this program should review the program strategic plan and also contact the regional NFPP Coordinator that corresponds to the location of the project for additional regional priorities prior to submitting an application for funding.
BRAIN Initiative: Biology and Biophysics of Neural Stimulation and Recording Technologies (R01 Clinical Trials Optional)
Department of Health and Human Services, National Institutes of Health
Due Date: 10/3/2022
https://www.grants.gov/web/grants/view-opportunity.html?oppId=323401

A central goal of the BRAIN Initiative is to develop new and improved technologies suitable for recording from as well as controlling specified cell types and circuits to modulate and understand function in the central nervous system. In order to accomplish these goals, further information is needed to understand the function of current technologies used for recording or stimulating the nervous system. This RFA accepts grant applications in two related but distinct areas. The first is to systematically characterize, model, and validate the membrane, cellular, circuit, and adaptive-biological responses of neuronal and non-neuronal cells to various types of stimulation technologies. The second is to understand the biological and bioinformatic content of signals recorded from neuronal and non-neuronal cells and circuits. Development of new technologies, therapies and disease models, are outside the scope of this FOA. Activities related to enabling the simultaneous use of multiple recording or stimulation technologies are allowed.

Secondary Analysis of Existing Datasets in Heart, Lung, and Blood Diseases and Sleep Disorders (R21 Clinical Trial Not Allowed)
Department of Health and Human Services National Institutes of Health
Due Date: 11/25/2022
https://www.grants.gov/web/grants/view-opportunity.html?oppId=323199

The goal of this funding opportunity is to stimulate the use of existing human datasets for well-focused secondary analyses to investigate novel scientific ideas or new models, systems, tools, methods, or technologies that have the potential for significant impact on biomedical or biobehavioral research in areas relevant to the NHLBI mission. This FOA actively supports the use of existing database resources to conduct additional analyses secondary to a project's originally-intended primary purpose. Applications may be related to, but must be distinct from, the specific aims of the original data collection. It will not support the collection of new data.

Support of Competitive Research (SCORE) Research Continuance Award
Department of Health and Human Services – National Institutes of Health
Due Date: Ongoing
https://www.grants.gov/web/grants/view-opportunity.html?oppId=321893

The SCORE Program is a developmental program designed to increase the research competitiveness of faculty and the research base at institutions with an explicitly stated historical mission and/or a demonstrated track record within the previous 10 years of training and graduating students from backgrounds underrepresented in biomedical research. Eligible institutions must award science degrees to undergraduate (B.S. or B.A.) and/or graduate students (M.S. or Ph.D.) and have received less than 6 million dollars per year of NIH R01 support (total costs) in each of the last 2 fiscal years.
**Avenir Award Program for Genetics or Epigenetics of Substance Use Disorders (DP1 Clinical Trial Optional)**
Department of Health and Human Services - National Institutes of Health
Due Date: 10/19/2022

Avenir means future in French, and this award looks toward the future by supporting early stage investigators proposing highly innovative studies. The award will support those in an early stage of their career who may lack the preliminary data required for an R01 grant, but who propose high impact research and who show promise of being tomorrow's leaders in the field. NIDA has developed two Avenir Award Programs, one for HIV/AIDS research and the other for genetics or epigenetics studies.

**2020 National Fish Habitat Action Plan**
Department of the Interior – Fish and Wildlife Service
Due Date: Contact local FHP to determine submittal deadline.

The Fish and Wildlife Management Assistance Program provides technical and financial assistance to other federal agencies, states, local governments, Native American tribes, non-governmental organizations, citizen groups, and landowners for the conservation and management of fish and wildlife resources. This includes minimizing the establishment, spread, and impact of aquatic invasive species. Specifically, aquatic habitat conservation projects under this program must protect, restore, and enhance fish and aquatic habitats, as outlined in the National Fish Habitat Action Plan (Action Plan). Likewise, projects under this program, directly or indirectly, support and promote public access to recreational fishing opportunities and the sustainable use of other natural resources. Funded projects may be carried out by Fish Habitat Partnerships (FHPs) recognized by the National Fish Habitat Board (Board) or the partners of Board recognized FHPs. More information about the FHPs and their partners can be found online at www.fishhabitat.org.

**Engineering of Biomedical Systems**
National Science Foundation
Due Date: Ongoing

The Engineering of Biomedical Systems program is part of the Engineering Biology and Health cluster, which also includes: 1) the Biophotonics program; 2) the Biosensing program; 3) the Cellular and Biochemical Engineering program; and 4) the Disability and Rehabilitation Engineering program. The goal of the Engineering of Biomedical Systems (EBMS) program is to provide opportunities for creating fundamental and transformative research projects that integrate engineering and life sciences to solve biomedical problems and serve humanity in the long term. Projects are expected to use an engineering framework (for example, design or modeling) that supports increased understanding of physiological or pathophysiological processes. Projects must include objectives that advance both engineering and biomedical sciences. Projects may include: methods, models, and enabling tools applied to understand or control living systems; fundamental improvements in deriving information from cells, tissues, organs, and organ systems; or new approaches to the design of systems that include both living and non-living components for eventual medical use in the long term.
The Division of Molecular and Cellular Biosciences (MCB) has developed a new opportunity to enable researchers with a strong track record of prior accomplishment to pursue a new avenue of research or inquiry. This funding mechanism is designed to facilitate and promote a PI’s ability to effectively adopt empowering technologies that might not be readily accessible in the PI’s current research environment or collaboration network. Transformative research likely spans disciplines and minimizing the practical barriers to doing so will strengthen research programs poised to make significant contributions. The award is intended to allow mid-career or later-stage researchers (Associate or Full Professor, or equivalent) to expand or make a transition in their research programs via a sabbatical leave or similar mechanism of professional development and then develop that research program in their own lab. This award will also enable the PI to acquire new scientific or technical expertise, facilitate the investigator’s competitiveness, and potentially lead to transformational impacts in molecular and cellular bioscience.