



RESEARCH OPPORTUNITY ALERTS

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May 2021

Research Grants

Innovation Grants

Academic-Industry Grants

Collaborative Opportunities

Technology Development Grants



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Global infectious disease research training programme (D43 clinical trial optional)

NIH: Fogarty International Center

This supports collaborative training programmes that will strengthen the capacity of a low- and middle income country institution to conduct infectious disease research. Awards

are worth up to USD 276,000 for up to five years.

Closing date: 03 Aug 21

[Link to *Research Professional](#)

DEADLINE BROUGHT FORWARD: Developing digital therapeutics for substance use disorders (UG3/UH3 clinical trial optional)

NIH: National Institute on Drug Abuse

This call supports research projects to accelerate the development of digital therapeutics to treat substance use disorders. Awards are

worth USD 500,000 in direct costs per year over three years.

Closing date: 04 Aug 21

[Link to *Research Professional](#)

Understanding post-transcriptional regulation of intact and defective HIV ribonucleic acid (R61/R33 clinical trial not allowed)

NIH: National Institute of Allergy and Infectious Diseases

This supports research focusing on the understanding of post-transcriptional regulation of intact and defective HIV ribonucleic acid.

The maximum project period is five years.

Closing date: 04 Aug 21

[Link to *Research Professional](#)

Research education programme for clinical researchers and clinicians (R25 clinical trial optional)

NIH: National Institute on Drug Abuse

This supports educational activities that complement or enhance training in biomedical, behavioural and clinical research. Grants are

worth up to USD 350,000 per year for up to five years.

Closing date: 10 Aug 21

[Link to *Research Professional](#)



Blueprint neurotherapeutics network – small molecule drug discovery and development for disorders of the nervous system (UG3/UH3 clinical trial optional)

NIH: National Institute of Neurological Disorders and Stroke

This supports neuroscience investigators seeking to advance their small molecule drug discovery and development projects into the clinic. The maximum project period

is one year in the UG3 phase and four years in the UH3 phase.

Closing date: 10 Aug 21

[Link to *Research Professional](#)

Device-based treatments for substance use disorders (UG3/UH3 clinical trial optional)

NIH: National Institute on Drug Abuse

This aims to accelerate the development of devices to treat substance use disorders. Budgets are limited to USD 500,000 direct costs for the entire UG3 phase, but are not limited for the UH3 phase. The

project period is limited to two years for the UG3 phase and three years for the UH3 phase.

Closing date: 10 Aug 21

[Link to *Research Professional](#)

DEADLINE BROUGHT FORWARD: Exploratory studies to investigate mechanisms of HIV infection, replication, latency or pathogenesis in the context of substance use disorders (R61/R33 clinical trial not allowed)

NIH: National Institute on Drug Abuse

This call supports research investigating the underlying molecular mechanisms by which HIV infection is initiated, established and maintained in the central nervous system. Funding is worth up to USD

2.2 million per project over five years.

Closing date: 10 Aug 21

[Link to *Research Professional](#)



Blueprint neurotherapeutics network – biologic-based drug discovery and development for disorders of the nervous system (UG3/UH3 clinical trial optional)

NIH: National Institute of Neurological Disorders and Stroke

This supports preclinical discovery and development of potential therapeutic biotechnology products and biologics, gene-based therapies, cell therapies and novel emerging

therapies. The maximum project period is five years.

Closing date: 10 Aug 21

[Link to *Research Professional](#)

Cutting-edge basic research awards (R21 clinical trial optional)

NIH: National Institute on Drug Abuse

This supports high-risk and potentially high-impact research that is underrepresented or not included in National Institute Drug Abuse's current portfolio that has the potential to transform substance

abuse disorder research. Grants are worth up to USD 275,000 for a maximum period of two years.

Closing date: 10 Aug 21

[Link to *Research Professional](#)

Utilising the PLCO biospecimens resource to bridge gaps in cancer aetiology and early-detection research (U01 clinical trial not allowed)

NIH: National Cancer Institute

This supports research in cancer aetiology and early-detection biomarkers, using the biorepository resources of the National Cancer Institute-sponsored prostate, lung, colorectal and ovarian cancer

screening trial. Application budgets are not limited. The maximum project period is five years.

Closing date: 11 Aug 21

[Link to *Research Professional](#)

NIDA avant-garde award programme for HIV/AIDS and substance use disorder research (DP1 clinical trial optional)

NIH: National Institute on Drug Abuse

This supports scientists who propose high impact research that will open new areas of HIV/AIDS research relevant to substance use

disorders or lead to new avenues for prevention and treatment of HIV/AIDS in people who use drugs.



Grants are worth up to USD 700,000 each per year for up to five years.

Closing date: 13 Aug 21

[Link to *Research Professional](#)

Exploiting in vivo or in situ imaging approaches to understand HIV-relevant processes in the context of substance use disorders (R61/R33 clinical trials optional)

NIH: National Institute on Drug Abuse

This supports projects that further develop or exploit advances using in situ or in vivo imaging or related technologies. Funding is worth up to

USD 2.05 million for a maximum of five years.

Closing date: 13 Aug 21

[Link to *Research Professional](#)

Clinical trial readiness for rare neurological and neuromuscular diseases (U01 clinical trial not allowed)

NIH: National Institute of Neurological Disorders and Stroke

This supports clinical studies that address critical needs for clinical trial readiness in rare neurological and neuromuscular diseases. Grants

are worth up to USD 650,000 each per year over five years.

Closing date: 18 Aug 21

[Link to *Research Professional](#)

International research in infectious diseases (R01 clinical trial not allowed): AIDS-related

NIH: National Institute of Allergy and Infectious Diseases

This AIDS-related funding opportunity supports high-priority, regionally-relevant infectious disease research by international investigators in resource-restrained countries. Grants are worth up to

USD 125,000 per year for a maximum period of a five years.

Closing date: 19 Aug 21

[Link to *Research Professional](#)

Planning grant for Fogarty HIV research training programme for low- and middle-income country institutions (D71)

NIH: Fogarty International Center



This supports research training that strengthens HIV research capacity of institutions in low- and middle-income countries. Application budgets are limited to USD 28,000

per year for a maximum of two years.

Closing date: 20 Aug 21

[Link to *Research Professional](#)

Fogarty HIV research training programme for low- and middle-income country institutions (D43 clinical trial optional)

NIH: Fogarty International Center

This aims to strengthen the scientific capacity of institutions in low- and middle-income countries to conduct HIV research relevant to the evolving HIV epidemic in their country. Application budgets are

limited to USD 280,000 per year for up to five years.

Closing date: 20 Aug 21

[Link to *Research Professional](#)

Infrastructure development training programmes for critical HIV research at low- and middle-income country institutions (G11 clinical trials not allowed)

NIH: Fogarty International Center

This aims to strengthen the scientific capacity of institutions in low- and middle-income countries to conduct HIV research on the evolving HIV epidemic in their countries. Application budgets are limited to

USD 92,000 per year for a maximum period of three years.

Closing date: 20 Aug 21

[Link to *Research Professional](#)

BRAIN initiative – standards to define experiments related to the BRAIN initiative (R01 clinical trial not allowed)

NIH: National Institute of Neurological Disorders and Stroke

This supports the development of data standards that describe experimental protocols that are being conducted as part of the

BRAIN initiative. The maximum project period is two years.

Closing date: 02 Sep 21

[Link to *Research Professional](#)



BRAIN initiative – proof of concept development of early stage next generation human brain imaging (U01 clinical trial not allowed)

NIH: National Institute of Biomedical Imaging and Bioengineering

This supports the early-stage development of entirely new or next generation non-invasive human brain imaging tools and methods that lead to transformative advances in the understanding of the human

brain. Grants are worth up to USD 300,000 per year for up to two years.

Closing date: 03 Sep 21

[Link to *Research Professional](#)

Notice of special interest – small business initiatives for innovative diagnostic technology for improving outcomes for maternal health

NIH: National Institute of Biomedical Imaging and Bioengineering

This aims to encourage interest in the small business community to develop various approaches, technologies and tools to address

the health issues of maternal morbidity.

Closing date: 05 Sep 21

[Link to *Research Professional](#)

HIV infection of the central nervous system (R01 clinical trial not allowed)

NIH: National Institute of Neurological Disorders and Stroke

This supports research projects that focus on delineating the pathophysiology of HIV-1 associated central nervous system disease in the setting of chronic viral suppression and antiretroviral

therapy. The maximum project period is five years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

Dissemination and implementation research in health (R21 clinical trial optional): AIDS-related

NIH: National Cancer Institute

This supports AIDS-related innovative approaches to identifying and developing strategies to

disseminate and implement evidence-based practices into public health, clinical practice and



community settings. Grants are worth up to USD 275,000 each for two years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

Imaging – science track award for research transition (R03 clinical trial optional): AIDS-related

NIH: National Institute on Drug Abuse

This AIDS-related announcement facilitates the entry of investigators to the area of neuroimaging, including both new investigators and established investigators seeking to adopt neuroimaging methodologies in their research programmes, to enable them to

conduct small proof of concept studies. Awards are worth up to USD 150,000 for a maximum period of one year.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

Small research grant programme (parent R03 clinical trial not allowed): AIDS-related

NIH: National Human Genome Research Institute

This supports small AIDS-related research projects that can be carried out in a short period of time with limited resources. Awards are worth

up to USD 50,000 in direct costs per year for up to two years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

Exploratory or developmental research grant programme (parent R21 clinical trial not allowed): AIDS-related

NIH: National Eye Institute

This AIDS-related funding opportunity supports exploratory and developmental research projects by providing support for the early and conceptual stages of these projects. Application budgets are

limited to USD 275,000 for a two-year period, with no more than USD 200,000 in any year.

Closing date: 07 Sep 21

[Link to *Research Professional](#)



NEI research grant for vision related secondary data analysis (R21 clinical trial not allowed): AIDS-related

NIH: National Eye Institute

This AIDS-related opportunity supports vision-related secondary data analyses utilising existing database resources. Grants are

worth up to to USD 275,000 for a maximum period of two years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

Exploratory/developmental bioengineering research grants (R21 clinical trial optional): AIDS-related

NIH: National Cancer Institute

This AIDS-related call supports the demonstration of feasibility and potential utility of new capabilities or improvements in quality, speed, efficacy, operability, costs, and/or accessibility of solutions to problems in basic biomedical, pre-clinical or

clinical research, clinical care delivery or accessibility. Direct costs are limited to USD 275,000 over a two-year period.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

Bioengineering research grants (R01 clinical trial required): AIDS-related

NIH: National Institute of Biomedical Imaging and Bioengineering

These AIDS-related grants support collaborations between the life and physical sciences that apply a multidisciplinary bioengineering approach to the solution of a

biomedical problem. Grants are for up to five years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

Research project grant (parent R01 basic experimental studies with humans required): AIDS-related

NIH: National Eye Institute

This supports a discrete, specified, circumscribed AIDS-related project in areas representing the specific interests and competencies of the

investigators. The maximum project period is five years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)



AIDS-science track award for research transition (R03 clinical trial optional)

NIH: National Institute on Drug Abuse

This seeks to facilitate the entry of both newly independent and early-career investigators to the area of drug abuse research on HIV/AIDS. Awards are each worth up to USD

100,000 per year for a maximum period of two years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

Bioengineering research partnerships (U01 clinical trial required): AIDS-related

NIH: National Institute of Biomedical Imaging and Bioengineering

This AIDS-related funding opportunity encourages bioengineering applications that will accelerate the development and adoption of tools and technologies that can address important

biomedical problems. The maximum project period is five years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

National Institute of Dental and Craniofacial Research small grant programme for new investigators (R03 clinical trial not allowed): AIDS-related

NIH: National Institute of Dental and Craniofacial Research

This AIDS-related opportunity supports basic and clinical research conducted by scientists who are in the early stages of establishing an independent research career in oral, dental and craniofacial research.

Grants are worth up to USD 200,000 over a maximum period of two years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

NLM research grants in biomedical informatics and data science (R01 clinical trial optional): AIDS-related

NIH: National Library of Medicine

This AIDS-related opportunity supports innovative research and development in biomedical informatics and data science. Grants

are worth up to USD 250,000 each per year over a maximum period of four years.



Closing date: 07 Sep 21

[Link to *Research Professional](#)

Research to advance vaccine safety (R21 clinical trial not allowed): AIDS-related

NIH: National Institute of Allergy and Infectious Diseases

This AIDS-related funding opportunity supports research that will contribute to the overall understanding of vaccine safety.

Direct costs are limited to USD 275,000 over a two-year period.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

Pilot and feasibility studies in preparation for drug and alcohol abuse prevention trials (R34 clinical trial optional): AIDS-related

NIH: National Institute on Drug Abuse

This AIDS-related opportunity supports research that provides intervention pilot or feasibility data serving as a prerequisite for subsequent applications for larger scale drug or alcohol abuse prevention or drug- or alcohol-

related HIV prevention intervention studies. Grants are worth up to USD 450,000 each over three years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

Drug discovery for nervous system disorders (R21 clinical trial not allowed): AIDS-related

NIH: National Institute of Neurological Disorders and Stroke

This AIDS-related call supports the discovery of novel compounds for the prevention and treatment of nervous system disorders. Grants

are worth up to USD 275,000 each over two years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

Drug discovery for nervous system disorders (R01 clinical trials not allowed): AIDS-related

NIH: National Institute of Neurological Disorders and Stroke



This AIDS-related funding opportunity supports the discovery of novel compounds for the prevention and treatment of nervous

system disorders. Funding is for up to five years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

Accelerating the pace of drug abuse research using existing data (R01 clinical trial optional): AIDS-related

NIH: National Institute on Drug Abuse

This AIDS-related opportunity supports the innovative analysis of existing social science, behavioural, administrative and neuroimaging data to study the aetiology and epidemiology of drug-using behaviours and related disorders,

prevention of drug use and HIV and health service use. Grants are worth up to USD 499,999 per year over a maximum period of five years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

Alzheimer's drug development programme (U01 clinical trial optional): AIDS-related

NIH: National Institute on Aging

This AIDS-related opportunity supports preclinical and early stage clinical development of small-molecule and biologic therapeutic agents that prevent Alzheimer's disease, slow its progression or treat its cognitive and behavioural

symptoms. Funding is worth up to USD 1 million per project per year for up to five years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

Discovery of in vivo chemical probes for the nervous system (R01 clinical trial not allowed): AIDS-related

NIH: National Institute of Neurological Disorders and Stroke

This AIDS-related opportunity supports research on in vivo chemical probes for novel brain targets. Projects may last up to four years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)



Development and testing of novel interventions to improve HIV prevention, care and programme implementation (R34 clinical trial optional)

NIH: National Institute on Drug Abuse

This supports formative research, intervention development and pilot-testing of HIV interventions among populations where substance use may be a contributing factor. Grants

are worth up to USD 450,000 each over three years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

Physical activity and weight control interventions among cancer survivors – effects on biomarkers of prognosis and survival (R01 clinical trial optional): AIDS-related

NIH: National Cancer Institute

This encourages transdisciplinary and translational AIDS-related research that will identify the specific biological or biobehavioural pathways through which physical activity or weight control may affect

cancer prognosis and survival. Funding is for up to five years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

Physical activity and weight control interventions among cancer survivors – effects on biomarkers of prognosis and survival (R21 clinical trial optional): AIDS-related

NIH: National Cancer Institute

This AIDS-related opportunity supports transdisciplinary and translational research that will identify the specific biological or biobehavioural pathways through which physical activity or weight control may affect cancer prognosis

and survival. Grants are worth up to USD 275,000 each for a maximum period of two years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

Dissemination and implementation research in health (R01 clinical trial optional): AIDS-related

NIH: National Cancer Institute



This supports innovative AIDS-related approaches that aim to identify and develop strategies to disseminate and implement evidence-based practices into public health, clinical practice, and community settings. Application

budgets are not limited. The maximum project period is five years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

Dissemination and implementation research in health (R03 clinical trial not allowed): AIDS-related

NIH: National Cancer Institute

This AIDS-related announcement supports innovative approaches to identifying, understanding and developing strategies for overcoming barriers to the adoption, adaptation, integration, scale-up and sustainability of evidence-based

interventions, tools, policies and guidelines. Grants are worth up to USD 50,000 per year for a maximum period of two years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

Research education programme for clinical researchers and clinicians (R25 clinical trial optional): AIDS-related

NIH: National Institute on Drug Abuse

This AIDS-related call supports educational activities that complement and enhance the training of a workforce to meet the nation's biomedical, behavioural and clinical research needs. Grants are

worth up to USD 350,000 per year for up to five years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

New computational methods for understanding the functional role of DNA variants that are associated with mental disorders (R01 clinical trial not allowed): AIDS-related

NIH: National Institute of Neurological Disorders and Stroke

This AIDS-related opportunity supports the development of advanced computational, bioinformatic and statistical tools to determine the functional relevance of genetic variants associated with

mental disorders. The maximum project period is five years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)



Eradication of HIV-1 from central nervous system reservoirs (R01 clinical trial not allowed)

NIH: National Institute of Neurological Disorders and Stroke

This supports applications studying mechanisms of HIV-1 persistence and eradication strategies specifically focused on the central nervous system in the context of viral suppression. Application budgets are not limited but need to

reflect the actual needs of the proposed project. The maximum project period is five years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

Collaborative clinical vision project – resource centre grant (UG1 clinical trial required): AIDS-related

NIH: National Eye Institute

This AIDS-related call supports investigator-initiated large-scale clinical trials, human gene-transfer and stem cell therapy trials, and other complex or high resource or safety-risk clinical trials. Application budgets are not limited but need to

reflect the actual needs of the proposed project. The maximum period is five years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

Collaborative clinical vision research – chair's grant (UG1 clinical trial required): AIDS-related

NIH: National Eye Institute

This AIDS-related call supports investigator-initiated large-scale clinical trials, human gene-transfer and stem cell therapy trials, and other complex or high resource- or safety-risk clinical trials. Application

budgets are not limited, but must reflect the actual needs of the project.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

Collaborative clinical vision research project – coordinating centre grant (UG1 clinical trial required): AIDS-related

NIH: National Eye Institute



This AIDS-related funding opportunity supports investigator-initiated large-scale clinical trials, human gene-transfer and stem cell therapy trials, and other demanding

clinical trials. Funding is for up to five years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

Innovations in HIV testing, adherence and retention to optimise HIV care continuum outcomes (R01 clinical trial optional)

NIH: National Institute of Neurological Disorders and Stroke

This supports innovative research to optimise HIV prevention and care. The maximum project period is five years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

Blueprint neurotherapeutics network – small molecule drug discovery and development for disorders of the nervous system (UH2/UH3 clinical trial optional): AIDS-related

NIH: National Institute of Neurological Disorders and Stroke

This AIDS-related funding opportunity supports neuroscience investigators seeking to advance their small molecule drug discovery and development projects into the clinic. Application budgets are not

limited but need to reflect the actual needs of the proposed project.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

Prevention research in mid-life adults (R21 clinical trial optional): AIDS-related

NIH: National Institute of Nursing Research

This AIDS-related funding opportunity supports research on mid-life adults, those between 50 and 64 years of age, that can inform efforts to optimise health and wellness as individuals age and

prevent illness and disability in later years. Grants are worth up to USD 275,000 for up to two years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)



Prevention research in mid-life adults (R01 clinical trial optional): AIDS-related

NIH: National Institute of Nursing Research

This AIDS-related opportunity supports research on mid-life adults, between 50 and 64 years of age, that can inform efforts to optimise health and wellness as individuals age, and

prevent illness and disability in later years. Funding is for up to five years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

Maternal nutrition and pre-pregnancy obesity – effects on mothers, infants and children (R01 clinical trial optional): AIDS-related

NIH: National Institute of Nursing Research

This AIDS-related funding opportunity encourages applications to improve health outcomes for women, infants and children, by stimulating interdisciplinary research focused on maternal nutrition and pre-pregnancy obesity.

Application budgets are not limited but need to reflect the actual needs of the proposed project.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

Developing the therapeutic potential of the endocannabinoid system for pain treatment (R01 clinical trial optional): AIDS-related

NIH: National Institute on Drug Abuse

This AIDS-related opportunity supports projects that seek to elucidate the therapeutic potential of the cannabinoids and endocannabinoid system in the development of mechanism-based

therapies for pain. The maximum project period is five years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

End-of-life and palliative needs of adolescents and young adults with serious illnesses (R21 clinical trial optional): AIDS-related

NIH: National Institute of Nursing Research



This AIDS-related announcement aims to foster research on the unique perspectives, needs, wishes and decision-making processes of adolescents and young adults with serious, advanced illnesses. Direct

costs are limited to USD 275,000 over a two-year period.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

End-of-life and palliative needs of adolescents and young adults with serious illnesses (R01 clinical trial optional): AIDS-related

NIH: National Institute of Nursing Research

This AIDS-related opportunity supports research on the unique perspectives, needs, wishes and decision-making processes of adolescents and young adults with serious, advanced illnesses. Application budgets are not limited

but need to reflect the actual needs of the proposed project. The maximum project period is five years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

Small research grants for oral health data analysis and statistical methodology development (R03 clinical trial not allowed): AIDS-related

NIH: National Institute of Dental and Craniofacial Research

This AIDS-related opportunity supports research projects that involve secondary data analyses of existing oral or craniofacial database resources, or the development of needed statistical methodology for analysing oral and craniofacial data

using existing oral or craniofacial databases. Funding is worth up to USD 200,000 per project over two years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

HIV/AIDS high priority drug abuse research (R01 clinical trial optional)

NIH: National Institute on Drug Abuse

This supports high priority research relevant to drug abuse and HIV and AIDS. Application budgets are not limited but need to reflect the actual

needs of the proposed project. The maximum project period is five years.



Closing date: 07 Sep 21

[Link to *Research Professional](#)

Innovations in HIV prevention, testing, adherence and retention to optimise HIV prevention and care continuum outcomes (R21 clinical trial optional)

NIH: National Institute of Neurological Disorders and Stroke

This encourages research in formative basic behavioural and social science to better understand a single step or steps in the HIV prevention or care continuum, or the initial development and pilot testing of innovative intervention

approaches. Application budgets are limited to USD 275,000 for up to two years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

Clinical studies of mental illness (collaborative R01 clinical trial optional): AIDS-related

NIH: National Institute of Neurological Disorders and Stroke

This AIDS-related funding opportunity supports collaborative clinical studies that do not involve treatment development, efficacy or

effectiveness trials. The maximum project period is five years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

Multidisciplinary studies of HIV/AIDS and ageing (R21 clinical trial optional)

NIH: National Institute on Aging

This supports studies that aim to improve understanding of aspects of ageing through the lens of HIV infection and its treatment, as well as improve approaches for testing of HIV infection and management of HIV-related complications in

different populations and cultural settings. Awards are worth up to USD 275,000 each for two years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)



Multidisciplinary studies of HIV/AIDS and ageing (R01 clinical trial optional)

NIH: National Institute on Aging

This supports studies addressing HIV and ageing that aim to improve understanding of biological, clinical and socio-behavioural aspects of ageing through the lens of HIV infection. Application budgets are not limited but need to reflect the

actual needs of the proposed project. The maximum project period is five years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

Discovery of cell-based chemical probes for novel brain targets (R21 clinical trial not allowed): AIDS-related

NIH: National Institute of Neurological Disorders and Stroke

This AIDS-related opportunity supports investigators who have interest and capability to join efforts for the discovery of cell-based chemical probes for novel brain

targets. Grants are worth up to USD 275,000 over a two-year period.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

Assay development and screening for discovery of chemical probes, drugs or immunomodulators (R01 clinical trial not allowed): AIDS-related

NIH: National Cancer Institute

This supports AIDS-related research in discovery and development of novel, small molecules for their potential use in studying disease treatment, and to generate new insight into the biology of relevant

diseases and processes that are not yet drug targets. The maximum project period is four years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

Understanding and modifying temporal dynamics of coordinated neural activity (R21 clinical trial optional): AIDS-related

NIH: National Institute of Neurological Disorders and Stroke

This AIDS-related call supports projects that test whether modifying

electrophysiological patterns during behaviour can improve cognitive,



affective, or social processing. The combined budget for direct costs for the two-year project period may not exceed USD 275,000.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

Understanding and modifying temporal dynamics of coordinated neural activity (R01 clinical trial optional): AIDS-related

NIH: National Institute of Neurological Disorders and Stroke

This AIDS-related call supports research to lay the groundwork for developing systems-level neuroscience interventions into treatments for cognitive, affective or social deficits in psychiatric disorders. Application budgets are

not limited but need to reflect the actual needs of the proposed project. The maximum project period is five years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

Exploratory or developmental research grant programme (parent R21 clinical trial required): AIDS-related

NIH: National Eye Institute

This supports AIDS-related exploratory and developmental research projects in their early and conceptual stages. Awards are worth

up to USD 275,000 in direct costs for up to two years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

NIMH exploratory/developmental research grant (R21 clinical trial not allowed): AIDS-related

NIH: National Institute of Mental Health

This AIDS-related funding opportunity supports exploratory and high-risk research projects that fall within the NIMH mission by providing support for the early and conceptual stages of these projects.

Grants are worth up to USD 275,000 over two years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)



Joint NINDS/NIMH exploratory neuroscience research grant (R21 clinical trial optional): AIDS-related

NIH: National Institute of Neurological Disorders and Stroke

This AIDS-related announcement supports exploratory and innovative research projects, which fall within the mission of the National Institute of Neurological Disorders and Stroke and the National Institute of Mental

Health. Grants are worth up to USD 275,000 for two years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

Research project grant (parent R01 clinical trial not allowed): AIDS-related

NIH: National Eye Institute

This supports a discrete, specified and circumscribed AIDS-related project in areas representing the specific interests and competencies

of the investigators. The maximum project period is five years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

Cancer prevention and control clinical trials grant programme (R01 clinical trial required): AIDS-related

NIH: National Cancer Institute

This AIDS-related announcement supports investigator-initiated clinical trials that have the potential to reduce the burden of cancer through improvements in early detection, prevention, healthcare delivery, quality of life or

survivorship related to cancer. The maximum project period is five years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

Pilot and feasibility studies of HIV and animal models for HIV infection within the mission of the NIDDK (R21 clinical trial not allowed): AIDS-related

NIH: National Institute of Diabetes and Digestive and Kidney Diseases

This AIDS-related opportunity supports basic and translational research projects examining HIV

infection, persistence, and comorbidities relevant to the the institute's study of diabetes and



other endocrine and metabolic diseases. Grants are worth up to USD 275,000 each for up to two years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

Disease mechanisms of prenatal and paediatric hydrocephalus (R01 clinical trial not allowed): AIDS-related

NIH: National Institute of Neurological Disorders and Stroke

This AIDS-related funding opportunity supports hypothesis-driven research of prenatal and paediatric hydrocephalus. Application budgets are not limited but need to reflect the actual needs

of the proposed project. The maximum project period is five years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

NIDA small research grant programme (R03 clinical trial required): AIDS-related

NIH: National Institute on Drug Abuse

This supports small clinical trials that can be carried out in a short period of time with limited resources. Grants are worth up to

USD 50,000 each per year for up to two years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

Tools to enhance the study of prenatal and paediatric hydrocephalus (R21 clinical trial not allowed): AIDS-related

NIH: National Institute of Neurological Disorders and Stroke

This AIDS-related funding opportunity supports research that develops or substantially modifies existing cutting-edge tools that will advance prenatal or paediatric hydrocephalus research. Funding is

worth up to USD 275,000 over two years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)



Small research grants for analyses of Gabriella Miller Kids First paediatric research data (R03 clinical trial not allowed): AIDS-related

NIH: Eunice Kennedy Shriver National Institute of Child Health and Human Development

This supports meritorious small AIDS-related research projects that involve analyses of genomic, phenotypic or clinical datasets that are part of the Kids First programme, and projects that develop approaches, tools or

algorithms to support or enhance analyses of these data. Grants are worth up to USD 200,000 each over two years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

Precision imaging of oral lesions (R01 clinical trial not allowed): AIDS-related

NIH: National Institute of Dental and Craniofacial Research

This AIDS-related opportunity supports the development, adaptation, optimisation and validation of accurate, reproducible, specific and sensitive imaging approaches to improve diagnosis, treatment and treatment monitoring

for diseases and conditions in the oral cavity and oropharynx. Funding is for up to five years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

Precision imaging of oral lesions (R21 clinical trial not allowed): AIDS-related

NIH: National Institute of Dental and Craniofacial Research

This supports early-stage AIDS-related research projects that propose to adapt, optimise and validate existing imaging systems or develop new image-based methodologies and analytic tools capable of improving early

detection, diagnosis and targeted treatment of oral diseases and conditions. Grants are worth up to USD 275,000 each over two years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)



Role of gut microbiome in regulating reproduction and its impact on fertility status in women living with and without HIV (R21 clinical trial optional): AIDS-related

NIH: Eunice Kennedy Shriver National Institute of Child Health and Human Development

This AIDS-related opportunity supports research on the role of the gut microbiome in regulating metabolism and reproduction and its impact on fertility status with a

focus on AIDS. Grants are worth up to USD 275,000 for up to two years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

Role of gut microbiome in regulating reproduction and its impact on fertility status in women living with and without HIV (R01 clinical trial optional): AIDS-related

NIH: Eunice Kennedy Shriver National Institute of Child Health and Human Development

This AIDS-related opportunity supports research related to the possible role of the gut microbiome in regulating reproduction through hypothalamo-pituitary-gonadal, hypothalamo-pituitary-adrenal and hypothalamo-pituitary-thyroid axes

in the brain. Budgets are limited to USD 499,999 in direct costs per year for up to five years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

Investigator-initiated research in computational genomics and data science (R01 clinical trial not allowed): AIDS-related

NIH: National Human Genome Research Institute

This AIDS-related opportunity supports fundamental genomics research developing innovative analytical methodologies and approaches, early-stage development of tools and software, and refinement or hardening of

software and tools of high value to the biomedical genomics community. Funding is for up to five years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)



Investigator-initiated research in computational genomics and data science (R21 clinical trial not allowed): AIDS-related

NIH: National Human Genome Research Institute

This AIDS-related opportunity supports fundamental genomics research developing innovative analytical methodologies and approaches, early-stage development of tools and software, and refinement or hardening of software and tools of high value to

the biomedical genomics community. Direct costs are limited to USD 275,000 over a two-year project period.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

Alcohol and other drug interactions – unintentional injuries and overdoses – epidemiology and prevention (R01 clinical trial optional): AIDS-related

NIH: National Institute on Alcohol Abuse and Alcoholism

This AIDS-related opportunity supports research on how alcohol and other illicit drugs or illicitly-used prescription drugs interact to contribute to unintentional injuries and poisonings and how to prevent or reduce simultaneous use of

alcohol or drugs singly or in combination. The maximum project period is five years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

Vision research epidemiology grant (UG1 clinical trial not allowed): AIDS-related

NIH: National Eye Institute

This supports AIDS-related epidemiologic studies that use creative and innovative approaches to studying vision diseases and disorders with high public impact, to inform prevention and treatment

strategies as well as basic sciences research. Funding is for up to five years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)



Alcohol and other drug interactions – unintentional injuries and overdoses – epidemiology and prevention (R03 clinical trial optional): AIDS-related

NIH: National Institute on Alcohol Abuse and Alcoholism

This AIDS-related opportunity supports research on how alcohol and other illicit drugs or illicitly-used prescription drugs interact to contribute to unintentional injuries and poisonings and how to prevent or reduce simultaneous use of

alcohol or drugs singly or in combination. Grants are each worth up to USD 50,000 per year for a maximum period of two years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

Alcohol and other drug interactions – unintentional injuries and overdoses – epidemiology and prevention (R21 clinical trial optional): AIDS-related

NIH: National Institute on Alcohol Abuse and Alcoholism

This AIDS-related opportunity supports research on how alcohol and other illicit drugs or illicitly-used prescription drugs interact to contribute to unintentional injuries and poisonings and how to prevent or reduce simultaneous use of

alcohol or drugs singly or in combination. Grants are each worth up to USD 275,000 for a maximum period of two years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

Advancing translational and clinical probiotic/prebiotic and human microbiome research (R01 clinical trial optional): AIDS-related

NIH: National Cancer Institute

This AIDS-related opportunity supports translational and clinical studies using a variety of probiotic and prebiotic carriers to generate measurable functional evidence for the safe and effective use of these carriers in maintaining health or

preventing and treating diseases. The maximum project period is five years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)



New computational methods for understanding the functional role of DNA variants that are associated with mental disorders (R01 (collab) clinical trial not allowed): AIDS-related

NIH: National Institute of Neurological Disorders and Stroke

This AIDS-related opportunity supports the development of advanced computational, bioinformatic and statistical tools to determine the functional relevance of genetic variants associated with mental disorders of complex

aetiologies identified through genome-wide association or sequencing studies. Funding is for up to five years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

Applying a biopsychosocial perspective to self-management of chronic pain (R01 clinical trial optional): AIDS-related

NIH: National Institute of Nursing Research

This supports the applications of a biopsychosocial perspective to self-management of chronic pain with a focus on AIDS. The maximum project period is five years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

Biobehavioural basis of chronic pain (R01 clinical trial optional): AIDS-related

NIH: National Institute of Nursing Research

This AIDS-related opportunity supports studies on the biobehavioural basis of chronic pain with a focus on the individual phenotype, genotype, and other omic-type assessments and the associated sensory and emotional

components that underpin the individual's chronic pain experience. The maximum project period is five years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

Applying a biopsychosocial perspective to self-management of chronic pain (R21 clinical trial optional): AIDS-related

NIH: National Institute of Nursing Research

This supports the applications of a biopsychosocial perspective to self-



management of chronic pain with a focus on AIDS. Grants are worth up to USD 275,000 for two years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

Biobehavioural basis of chronic pain (R21 clinical trial optional): AIDS-related

NIH: National Institute of Nursing Research

This supports AIDS-related research that focuses on the individual phenotype, genotype and other omic-type assessments and the associated sensory and emotional components that underpin the individual's chronic pain experience.

Grants are worth up to USD 275,000 each over a maximum period of two years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

Fc-dependent mechanisms of antibody-mediated killing (R21 clinical trial not allowed): AIDS-related

NIH: National Institute of Allergy and Infectious Diseases

This supports AIDS-related research that aims to improve the understanding of Fc-dependent, antibody-mediated killing of pathogen-infected or otherwise dysregulated host cells. Grants are

each worth up to USD 275,000 over a maximum of two years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

Addressing caregiver symptoms through technological tools (R01 clinical trial optional): AIDS-related

NIH: National Institute of Nursing Research

This supports the development and testing of tools to address symptoms in caregivers, regardless of patient symptoms or conditions, with a

focus on AIDS. The project may last up to five years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)



Addressing caregiver symptoms through technological tools (R21 clinical trial optional): AIDS-related

NIH: National Institute of Nursing Research

This supports AIDS-related research focused on the development and testing of tools to address symptoms in caregivers, regardless of patient symptoms or conditions. Grants are

worth up to USD 275,000 each over a maximum period of two years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

Advancing research in augmentative and alternative communication (R01 clinical trial optional): AIDS-related

NIH: National Institute on Deafness and other Communication Disorders

This AIDS-related funding opportunity supports research on augmentative and alternative communication to advance scientific knowledge in the evaluation and treatment of individuals with complex communication needs or

with severe speech and physical impairments. The maximum project period is five years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

End-of-life and palliative care approaches to advanced signs and symptoms (R01 clinical trial optional): AIDS-related

NIH: National Institute of Nursing Research

This AIDS-related funding opportunity supports the examination of the multi-dimensional foundation, experiences and management of complex, advanced signs and symptoms at the

end of life. The project may last up to five years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

Advancing research in augmentative and alternative communication (R21 clinical trial optional): AIDS-related

NIH: National Institute on Deafness and other Communication Disorders

This AIDS-related funding opportunity supports research on augmentative and alternative communication to advance scientific knowledge in the evaluation and

treatment of individuals with complex communication needs or with severe speech and physical impairments. Grants are worth up to



USD 275,000 for a maximum period of two years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

End-of-life and palliative care approaches to advanced signs and symptoms (R21 clinical trial optional): AIDS-related

NIH: National Institute of Nursing Research

This AIDS-related funding opportunity supports the examination of the multi-dimensional foundation, experiences and management of complex, advanced signs and symptoms at the

end of life. Grants are worth up to USD 275,000 each over a maximum period of two years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

Engaging men in HIV testing, prevention and care (R01 clinical trial optional)

NIH: National Institute of Allergy and Infectious Diseases

This supports the development and testing of strategies to increase the engagement of men in HIV prevention and care within global settings and among domestic populations who have lower rates of

engagement and retention in HIV prevention and care. The maximum project period is five years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

Engaging men in HIV testing, prevention and care (R21 clinical trial optional)

NIH: National Institute of Allergy and Infectious Diseases

This supports the development and testing of strategies to increase the engagement of men in HIV prevention and care within global settings and among domestic populations who have lower rates of engagement and retention in HIV

prevention and care. Grants are worth up to USD 275,000 for a maximum period of two years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)



Strategies to provide culturally tailored palliative and end-of-life care for seriously ill American Indian and Alaska Native individuals (R01 clinical trial optional): AIDS-related

NIH: National Institute of Nursing Research

This supports AIDS-related research that will improve and increase the use of evidence-based interventions in end-of-life and palliative care for American Indian or Alaska Native individuals with advanced illness

and their families and communities. Funding is for five years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

Strategies to provide culturally tailored palliative and end-of-life care for seriously ill American Indian and Alaska Native individuals (R21 clinical trial optional): AIDS-related

NIH: National Institute of Nursing Research

This supports AIDS-related research that will improve and increase the use of evidence-based interventions in end-of-life and palliative care for American Indian and Alaska Native individuals with advanced illness and their families and communities.

Grants are worth up to USD 275,000 each over a maximum period of two years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

Processing and presentation of non-conventional MHC ligands (R01 clinical trial not allowed): AIDS-related

NIH: National Institute of Allergy and Infectious Diseases

This AIDS-related funding opportunity supports the determination of antigen processing and presentation mechanisms used in the generation of novel peptidic and non-peptidic ligands and of the contribution of these unique

antigenic ligands to protective immune responses. The maximum project period is five years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

Processing and presentation of non-conventional MHC ligands (R21 clinical trial not allowed): AIDS-related

NIH: National Institute of Allergy and Infectious Diseases



This AIDS-related funding opportunity supports the determination of antigen processing and presentation mechanisms used in the generation of novel peptidic and non-peptidic ligands and of the contribution of these unique

antigenic ligands to protective immune responses. Grants are worth up to USD 275,000 each for a maximum period of two years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

Telomeres in wellness and disease – a biobehavioural approach (R01 clinical trial optional): AIDS-related

NIH: National Institute of Nursing Research

This AIDS-related funding opportunity aims to stimulate clinical research that examines the role of telomeres in wellness and disease, and to advance the incorporation of telomere studies into biobehavioural programmes of research. Application budgets are

not limited but need to reflect the actual needs of the proposed project. The maximum project period is five years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

Telomeres in wellness and disease – a biobehavioural approach (R21 clinical trial optional): AIDS-related

NIH: National Institute of Nursing Research

This AIDS-related funding opportunity aims to stimulate clinical research that examines the role of telomeres in wellness and disease, and to advance the incorporation of telomere studies into biobehavioural programmes of

research. Grants are worth up to USD 275,000 each for a maximum period of two years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

Exploratory or developmental research grant programme (parent R21 basic experimental studies with humans required): AIDS-related

NIH: National Eye Institute

This supports AIDS-related exploratory and developmental research projects in the early and conceptual stages. Awards are worth

up to USD 275,000 in direct costs for up to two years.



Closing date: 07 Sep 21

[Link to *Research Professional](#)

Novel approaches to understand, prevent, treat, and diagnose coccidioidomycosis and other select endemic fungal infections (R01 clinical trial not allowed): AIDS-related

NIH: National Institute of Allergy and Infectious Diseases

This AIDS-related opportunity supports research that contributes to the overall understanding of coccidioidomycosis and other select endemic fungal diseases including histoplasmosis and blastomycosis.

The maximum project period is five years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

Novel approaches to understand, prevent, treat, and diagnose coccidioidomycosis and other select endemic fungal infections (R21 clinical trial not allowed): AIDS-related

NIH: National Institute of Allergy and Infectious Diseases

This AIDS-related funding opportunity supports research that contributes to the overall understanding of coccidioidomycosis and other select endemic fungal diseases, including histoplasmosis and blastomycosis.

Grants are worth up to USD 275,000 each for a maximum period of two years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

Bioengineering research grants (R01 clinical trial not allowed): AIDS-related

NIH: National Institute of Biomedical Imaging and Bioengineering

This AIDS-related call supports collaborations between the life and physical sciences that apply a multidisciplinary bioengineering approach to the solution of a

biomedical problem. Grants are for up to five years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)



Bioengineering research partnerships (U01 clinical trial not allowed): AIDS-related

NIH: National Institute of Biomedical Imaging and Bioengineering

This AIDS-related call encourages bioengineering applications that will accelerate the development and adoption of promising tools and technologies that can address important biomedical problems. The

maximum project period is five years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

Exploratory/developmental bioengineering research grants (R21 clinical trial not allowed): AIDS-related

NIH: National Cancer Institute

This AIDS-related call supports the demonstration of feasibility and potential utility of new capabilities or improvements in quality, speed, efficacy, operability, costs, and/or accessibility of solutions to problems in basic biomedical, pre-clinical or

clinical research, clinical care delivery or accessibility. Direct costs are limited to USD 275,000 over a two-year period.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

Accelerating the pace of child health research using existing data from the adolescent brain cognitive development study (R01 clinical trial not allowed): AIDS-related

NIH: National Institute on Drug Abuse

This AIDS-related funding opportunity supports the analysis of public data to increase knowledge of adolescent health and development. Grants are worth up to USD 250,000

each per year for a maximum period of five years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

Accelerating the pace of child health research using existing data from the adolescent brain cognitive development study (R21 clinical trial not allowed): AIDS-related

NIH: National Institute on Drug Abuse

This AIDS-related call supports the analysis of public data to increase



knowledge of adolescent health and development. Grants are worth up to USD 275,000 each for two years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

Comparative effectiveness research in clinical neurosciences (UG3/UH3 clinical trial not allowed): AIDS-related

NIH: National Institute of Neurological Disorders and Stroke

This AIDS-related call supports prospective observational comparative effectiveness research evaluating preventive strategies, diagnostic approaches or interventions including drugs, biologics and devices or surgical,

behavioural and rehabilitation therapies. The maximum project period is seven years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

Clinical research study planning grant programme (R34 clinical trial not allowed): AIDS-related

NIH: National Eye Institute

This AIDS-related funding opportunity supports the refinement of a study protocol and procedures and the development of a detailed manual of procedures, as well as preliminary studies to refine study procedures or document

recruitment potential. Grants are worth up to USD 150,000 each per year for up to two years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

Novel RNAs in virology and immune regulation – basic science and therapeutic discovery (R21 clinical trial not allowed): AIDS-related

NIH: National Institute of Allergy and Infectious Diseases

This AIDS-related opportunity supports basic science research in novel biologically active viral or host RNAs involved in virology, including HIV biology, and immune regulation.

Grants are worth up to USD 275,000 for two years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)



Discovery of biomarkers and biomarker signatures for neurological and neuromuscular disorders (R61/R33 clinical trial optional): AIDS-related

NIH: National Institute of Neurological Disorders and Stroke

This AIDS-related funding opportunity promotes the discovery or early evaluation of strong candidate biomarkers and biomarker signatures that can be used as tools to facilitate the clinical development of neurotherapeutics

and their use in clinical practice. Application budgets are not limited but need to reflect the actual needs of the proposed project.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

Mechanisms of tolerance (R21/R33 clinical trial required): AIDS-related

NIH: National Institute on Alcohol Abuse and Alcoholism

This AIDS-related funding opportunity supports research on sensitivity and tolerance mechanisms underlying the development of alcohol use disorder.

Grants are worth up to USD 1.77 million each for up to five years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

Development and application of PET and SPECT imaging ligands as biomarkers for drug discovery and for pathophysiological studies of CNS disorders (R01 clinical trial optional): AIDS-related

NIH: National Institute of Neurological Disorders and Stroke

This AIDS-related opportunity supports research on the development of novel radioligands for positron emission tomography or single photon emission computed tomography imaging in human brain, and that incorporate pilot or

clinical feasibility evaluation in preclinical studies. The maximum project period is four years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)



Development and application of PET and SPECT imaging ligands as biomarkers for drug discovery and for pathophysiological studies of central nervous system disorders (R01 clinical trial not allowed): AIDS-related

NIH: National Institute of Neurological Disorders and Stroke

This AIDS-related call supports the preclinical development of novel radioligands for positron emission tomography or single photon emission computed tomography imaging in rodent and nonhuman primate brain and incorporation of

pilot or clinical feasibility evaluation in preclinical studies. Grants are worth up to USD 275,000 each for up to three years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

Catalytic tool and technology development in kidney, urological and haematological diseases (R21 clinical trial not allowed): AIDS-related

NIH: National Institute of Diabetes and Digestive and Kidney Diseases

This AIDS-focused opportunity supports the development of innovative, enabling tools and technologies in the areas of kidney, urological and haematological

diseases. Grants are worth up to USD 275,000 each for up to two years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

Research project grant (parent R01 clinical trial required): AIDS-related

NIH: National Eye Institute

This supports a discrete, specified, circumscribed AIDS-related project in areas representing the specific interests and competencies of the

investigators. The maximum project period is five years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

HEAL initiative – non-addictive analgesic therapeutics development to treat pain (UG3/UH3 clinical trial not allowed): AIDS-related

NIH: National Institute of Neurological Disorders and Stroke



This supports AIDS-related research that includes preclinical optimisation and development of safe, effective and non-addictive small molecule and biologic therapeutics to treat pain. The

maximum project period is five years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

Notice of special interest – telehealth strategies for individuals with HIV and substance use disorders

NIH: National Institute on Drug Abuse

This supports research exploring and developing telehealth methods and strategies for diagnosis, prevention, treatment, and population analysis in individuals

living with HIV and substance use disorders.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

Blueprint neurotherapeutics network – biologic-based drug discovery and development for disorders of the nervous system (UG3/UH3 clinical trial optional): AIDS-related

NIH: National Institute of Neurological Disorders and Stroke

This AIDS-related opportunity supports preclinical discovery and development of potential therapeutic biotechnology products and biologics, gene-based therapies, cell therapies and novel emerging

therapies. The maximum project period is five years.

Closing date: 07 Sep 21

[Link to *Research Professional](#)

Single-site investigator-initiated clinical trials (R61/R33 clinical trial required): AIDS-related

NIH: National Heart, Lung and Blood Institute

This AIDS-related call supports the development and implementation of investigator-initiated single-site clinical trials relevant to the research mission of the National Heart, Lung and Blood Institute. The

maximum project period is five years.

Closing date: 08 Sep 21

[Link to *Research Professional](#)



Clinical coordinating centre for multi-site investigator-initiated clinical trials (collaborative UG3/UH3 clinical trial required): AIDS-related

NIH: National Heart, Lung and Blood Institute

This AIDS-related funding opportunity supports the development and implementation of a clinical coordinating centre for investigator-initiated multi-site clinical trials that are relevant to the research mission of the National

Heart, Lung and Blood Institute. Application budgets are not limited but need to reflect the actual needs of the proposed project.

Closing date: 08 Sep 21

[Link to *Research Professional](#)

Data coordinating centre for multi-site investigator-initiated clinical trials (collaborative U24 clinical trial required): AIDS-related

NIH: National Heart, Lung and Blood Institute

This AIDS-related call supports the implementation of a collaborating data coordinating centre for investigator-initiated multi-site clinical trials that are relevant to the research mission of the National Heart, Lung, and Blood Institute.

Application budgets are not limited but need to reflect the actual needs of the proposed project.

Closing date: 08 Sep 21

[Link to *Research Professional](#)

Developing digital therapeutics for substance use disorders (UG3/UH3 clinical trial optional): Aids-related

NIH: National Institute on Drug Abuse

This AIDS-related funding opportunity supports research projects to accelerate the development of digital therapeutics (DTx) to treat substance use disorders (SUDs). Awards are worth

USD 500,000 in direct costs per year over three years.

Closing date: 08 Sep 21

[Link to *Research Professional](#)



Systems approach to understand mechanisms of heterogeneous response to influenza (R01 clinical trial not allowed)

NIH: National Institute of Allergy and Infectious Diseases

This supports the identification of mechanisms behind heterogeneous responses in the population to influenza infection or vaccination through development and application of computational tools.

The maximum project duration is five years.

Closing date: 08 Sep 21

[Link to *Research Professional](#)

NIAID clinical trial implementation cooperative agreement (U01 clinical trial required)

NIH: National Institute of Allergy and Infectious Diseases

This supports cooperative agreement applications for implementation of investigator-initiated, high-risk clinical trials and mechanistic studies associated with high-risk clinical trials. Application budgets are not limited but must

reflect the actual needs of the proposed project. The maximum funding period is five years.

Closing date: 13 Sep 21

[Link to *Research Professional](#)

NIAID clinical trial planning grant (R34 clinical trial not allowed)

NIH: National Institute of Allergy and Infectious Diseases

This supports the planning, design and preparation of the documentation necessary for implementation of investigator-initiated clinical trials. Grants are

worth up to USD 150,000 each for a maximum period of one year.

Closing date: 14 Sep 21

[Link to *Research Professional](#)

BRAIN initiative – theories, models and methods for analysis of complex data from the brain (R01 clinical trial not allowed)

NIH: National Institute of Biomedical Imaging and Bioengineering

This supports the development of new theories, computational models and analytical tools to derive

understanding of brain function from complex neuroscience data. Application budgets are not limited,



but are expected to range between USD 150,000 and USD 250,000 in direct costs per year. Awards are for three years of support.

Closing date: 14 Sep 21 (Forecast)
[Link to *Research Professional](#)

Genetic architecture of mental disorders in ancestrally diverse populations (U01 clinical trial not allowed)

NIH: National Institute of Neurological Disorders and Stroke

This supports coordinated efforts to accelerate gene discovery for psychiatric disorders in cohorts of non-European ancestry to boost efforts to fine-map genetic risk loci across the allelic spectrum and

advance global mental health equity. The maximum project period is five years.

Closing date: 15 Sep 21
[Link to *Research Professional](#)

Genetic architecture of mental disorders in ancestrally diverse populations (collaborative U01 clinical trial not allowed)

NIH: National Institute of Neurological Disorders and Stroke

This supports coordinated efforts on multiple sites to accelerate gene discovery for psychiatric disorders in cohorts of non-European ancestry to boost efforts to fine-map genetic risk loci across the allelic spectrum

and advance global mental health equity. Grants are worth up to USD 500,000 each for five years.

Closing date: 15 Sep 21
[Link to *Research Professional](#)

Blueprint for neuroscience research – tools and technologies to explore nervous system biomolecular condensates (R21 clinical trial not allowed)

NIH: National Institute on Drug Abuse

This supports a collaborative framework for neuroscience related research, with the aim of accelerating discoveries and reducing the burden of nervous system disorders. The total budget is

worth USD 1.2 million to fund projects worth up to USD 275,000 each over two years.

Closing date: 15 Sep 21
[Link to *Research Professional](#)



High-throughput discovery and validation of novel signal transducers or small molecules that modulate opioid or other substance use disorder relevant pathways (R01 – clinical trials not allowed)

NIH: National Institute on Drug Abuse

This supports high-throughput screening approaches to identify novel receptors, signal transducers, or small molecules that modulate Substance Use Disorder-relevant signal transduction pathways.

Grants are worth up to USD 400,000 each per year over a maximum period of five years.

Closing date: 15 Sep 21

[Link to *Research Professional](#)

Mechanism-focused research to promote adherence to healthful behaviours to prevent mild cognitive impairment and Alzheimer's disease and related dementias (R01 clinical trial optional)

NIH: National Institute on Aging

This supports ancillary studies that address psychological and interpersonal mechanisms driving adherence to behaviour or lifestyle change relevant to the prevention of cognitive decline, mild cognitive impairment and Alzheimer's disease

and Alzheimer's disease-related dementias. The maximum project period is five years.

Closing date: 15 Sep 21

[Link to *Research Professional](#)

Mechanism-focused research to promote adherence to healthful behaviours to prevent mild cognitive impairment and Alzheimer's disease and related dementias (R61/R33 clinical trial required)

NIH: National Institute on Aging

This supports research focused on psychological and interpersonal mechanisms driving adherence to behaviours or lifestyle changes relevant to prevention of cognitive decline, mild cognitive impairment, and Alzheimer's disease and

Alzheimer's disease-related dementias. Grants are worth up to USD 500,000 each per year for a maximum of five years.

Closing date: 15 Sep 21

[Link to *Research Professional](#)



Clinical characterisation of cancer therapy-induced adverse sequelae and mechanism-based interventional strategies (R01 clinical trial optional)

NIH: National Cancer Institute

This supports collaborative research projects that address adverse sequelae of cancer therapies that persist and become chronic comorbidities or develop as delayed

posttreatment effects. The maximum project period is five years.

Closing date: 20 Sep 21

[Link to *Research Professional](#)

Biomedical knowledgebase (U24 clinical trials not allowed)

NIH: National Institute of General Medical Sciences

This supports the extraction, accumulation, organisation, annotation and linking of growing bodies of information related to core

datasets. The maximum project period is five years.

Closing date: 24 Sep 21

[Link to *Research Professional](#)

Biomedical data repository (U24 – clinical trials not allowed)

NIH: National Institute of General Medical Sciences

This supports biomedical data repositories whose primary function is to ingest, archive, preserve, manage, distribute, and make accessible the data related to a particular system or systems. The

maximum project period is five years.

Closing date: 24 Sep 21

[Link to *Research Professional](#)

Novel synthetic nucleic acid technology development (R01 clinical trial not allowed)

NIH: National Human Genome Research Institute

This supports the development of novel technologies that will enable substantive improvement in synthetic nucleic acids. Grants are

worth up to USD 700,000 each for year for up to three years.

Closing date: 01 Oct 21

[Link to *Research Professional](#)



Novel synthetic nucleic acid technology development (R21 clinical trial not allowed)

NIH: National Human Genome Research Institute

This supports the development of novel technologies that will enable substantive improvement in synthetic nucleic acids. Grants are

worth up to USD 400,000 each for up to three years.

Closing date: 01 Oct 21

[Link to *Research Professional](#)

Limited competition – modular budget research project grant for NIH nurse scientist scholars (R01 clinical trial optional)

NIH: National Institute of Nursing Research

This supports research projects conducted by NIH-supported nurse scientists in order to help accelerate their transition to independent investigator status. Application budgets are worth up to USD

250,000 in direct costs per year for up to five years.

Closing date: 04 Oct 21

[Link to *Research Professional](#)

Identification of positive valence system related targets for novel suicide prevention approaches (R01 clinical trial optional)

NIH: National Institute of Mental Health

This supports research projects that will advance translational research to better understand risk and resilience for suicide in the context of the institute's research domain criteria framework, specifically the positive valence systems domain, and lead to novel interventions.

Application budgets are not limited but need to reflect the actual needs of the proposed project. The maximum project period is five years.

Closing date: 05 Oct 21

[Link to *Research Professional](#)

Ethical issues in translational science research (R01 clinical trial optional)

NIH: National Center for Advancing Translational Sciences

This supports research on ethical issues in translational science

research. Grants are worth up to USD 300,000 each in direct costs per



year for a maximum period of four years.

Closing date: 06 Oct 21

[Link to *Research Professional](#)

BRAIN initiative – development and validation of novel tools to probe cell-specific and circuit-specific processes in the brain (R01 clinical trial not allowed)

NIH: National Institute of Mental Health

This supports the development and validation of novel tools to facilitate the detailed analysis of complex circuits and provide insights into cellular interactions that underlie

brain function. Funding is for up to three years.

Closing date: 08 Oct 21

[Link to *Research Professional](#)

Secondary analyses of existing datasets of tobacco use and health (R21 clinical trial not allowed)

NIH: National Cancer Institute

This supports the innovative analysis of existing and publicly available datasets that may inform tobacco regulatory actions in the US. Awards are worth up to USD

275,000 each for a maximum period of two years.

Closing date: 08 Oct 21

[Link to *Research Professional](#)

Maximising the scientific value of existing biospecimen collections (R21 clinical trial not allowed)

NIH: National Cancer Institute

This supports exploratory research relevant to the mission of the Food and Drug Administration's Center for Tobacco Products using existing biospecimens currently stored in repositories in the US. Grants are

worth up to USD 275,000 each over a maximum of two years.

Closing date: 08 Oct 21

[Link to *Research Professional](#)

COMING SOON: Secondary analyses of existing datasets of tobacco use and health (R21 clinical trial not allowed)

NIH: Office of the Director



This opportunity supports innovative analysis of existing US cross-sectional and longitudinal data, to investigate novel scientific ideas or to generate new models, systems, tools, methods or technologies that have the potential

for significant impact on biomedical or biobehavioural research in tobacco. Grants are worth up to USD 275,000 for up to two years.

Closing date: 08 Oct 21 (Forecast)

[Link to *Research Professional](#)

Extracellular RNA carrier subclasses in processes relevant to substance use disorders or HIV infection (R01 clinical trial not allowed)

NIH: National Institute on Drug Abuse

This supports research investigating the roles of extracellular RNA carrier subclasses in biological processes relevant to substance use disorders or HIV infection, latency or pathogenesis in the central nervous

system. The maximum project period is five years.

Closing date: 13 Oct 21

[Link to *Research Professional](#)

Extracellular RNA carrier subclasses in processes relevant to substance use disorders or HIV infection (R21 clinical trial not allowed)

NIH: National Institute on Drug Abuse

This supports research that investigates the roles of extracellular ribonucleid acid carrier subclasses in biological processes relevant to substance use disorders or HIV infection. Awards are worth up to

USD 275,000 each for up to two years.

Closing date: 13 Oct 21

[Link to *Research Professional](#)

Exploratory clinical neuroscience research on substance use disorders (R61/R33 clinical trial optional)

NIH: National Institute on Drug Abuse

This supports exploratory and developmental clinical research that focuses on understanding the neurobiological mechanisms underlying substance use disorders,

including fundamental brain function relevant to substance use. The maximum funding period is five years.



Closing date: 13 Oct 21

[Link to *Research Professional](#)

Administrative supplements for research on dietary supplements (admin supp clinical trial not allowed)

NIH: National Institutes of Health

This supports research in which the supplemental funding investigates the role of dietary supplements or their ingredients in health maintenance and disease prevention. Grants are worth up to

USD 100,000 in direct costs for one year.

Closing date: 15 Oct 21

[Link to *Research Professional](#)

BRAIN initiative – integration and analysis of BRAIN initiative data (R01 clinical trial not allowed)

NIH: National Institute of Neurological Disorders and Stroke

This aims to develop informatics tools for analysing, visualising and integrating data related to the BRAIN initiative or to enhance understanding of the brain. Application budgets are not limited but need to reflect the actual needs

of the proposed project. The maximum project period is three years.

Closing date: 15 Oct 21

[Link to *Research Professional](#)

Understanding and reducing cardiovascular disease in type 1 diabetes mellitus (R01 – clinical trial optional)

NIH: National Heart, Lung and Blood Institute

This supports research that enhances the understanding of the pathophysiology, risk factors, early detection and treatment of cardiovascular disease among individuals with type 1 diabetes

mellitus. Awards are worth up to USD 500,000 per year for a maximum of five years.

Closing date: 15 Oct 21

[Link to *Research Professional](#)



Identification of positive valence system related targets for novel suicide prevention approaches (R21 clinical trial optional)

NIH: National Institute of Mental Health

This supports research projects that will advance translational research to better understand risk and resilience for suicide in the context of the institute's research domain criteria framework, specifically the positive valence systems domain,

and lead to novel interventions. Awards are worth up to USD 275,000 each over two years.

Closing date: 16 Oct 21

[Link to *Research Professional](#)

BRAIN initiative – pilot resources for brain cell type-specific access and manipulation across vertebrate species (U01 clinical trial not allowed)

NIH: National Institute of Neurological Disorders and Stroke

This supports the evaluation of molecular or genetic technologies and the creation of pilot production and distribution resources for cell type-specific access and manipulation reagents for several

vertebrate species. The maximum project period is three years.

Closing date: 19 Oct 21

[Link to *Research Professional](#)

Development of new technologies and bioengineering solutions for the advancement of cell replacement therapies for type 1 diabetes (R01 clinical trial optional)

NIH: National Institute of Diabetes and Digestive and Kidney Diseases

This supports research addressing barriers that limit progress toward effective cell replacement therapies for type 1 diabetes. Application budgets are limited to USD 500,000

direct costs per year for a maximum duration of five years.

Closing date: 20 Oct 21

[Link to *Research Professional](#)



Advancing technologies to improve delivery of pharmacological, gene editing and other cargoes for HIV and substance use disorders mechanistic or therapeutic research (R01 clinical trial optional)

NIH: National Institute on Drug Abuse

This supports the development of technologies to improve the delivery of pharmacological, gene editing or other cargoes for HIV and substance use disorders mechanistic research.

The maximum project period is five years.

Closing date: 25 Oct 21

[Link to *Research Professional](#)

Secondary analysis of existing datasets in heart, lung and blood diseases and sleep disorders (R21 clinical trial not allowed)

NIH: National Heart, Lung and Blood Institute

This enables 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 biobehavioural research in areas relevant to the institute's mission. Grants are worth up to USD 150,000 each for a two year period.

Closing date: 28 Oct 21

[Link to *Research Professional](#)

BRAIN initiative – new concepts and early-stage research for large-scale recording and modulation in the nervous system (R21 clinical trial not allowed)

NIH: National Eye Institute

This seeks applications for unique and innovative recording or modulation technologies that are in the earliest stage of development, including new and untested ideas that are in the initial stages of conceptualisation. Application

budgets may not exceed USD 400,000 in direct costs over a maximum three-year funding period.

Closing date: 29 Oct 21

[Link to *Research Professional](#)