BCCC-CURE Funding Opportunities / February 24, 2023

UPCOMING FUNDING OPPORTUNITIES

EXTERNAL OPPORTUNITIES

DoD Breast Cancer, Breakthrough Award Levels 1 and 2 (BTA12)
Purpose: The intent of the Breakthrough Award is to support promising research that has high potential to lead to or make breakthroughs in breast cancer. The critical components of this award mechanism are impact and research scope. Research supported by the Breakthrough Award will have the potential for a major impact and accelerate progress toward ending breast cancer. The impact may be near-term or long-term, but must move beyond a minor advancement and have the potential to lead to a fundamentally new approach that is significantly more effective than interventions already approved or in clinical development. Applications are expected to identify the breast cancer patients or at-risk individuals who would ultimately benefit from the proposed research. The Breakthrough Award is structured with four different funding levels. The levels are designed to support major (but not all) stages of research that will lead to clinical application.
Funder: Department of Defense (DoD)
Applicant: Early Career and Emerging in Field / Mid-Career to Established in Field
Amount: $450,000 - $2,000,000 over 3 - 4 years
Pre-application deadline: 28 Mar 2023

DoD Breast Cancer, Era of Hope Scholar Award (EOHS)
Purpose: The Era of Hope Scholar Award supports individuals early in their careers who have demonstrated significant potential to effect meaningful change in breast cancer. These individuals should be exceptionally talented scientists who have shown that they are the “best and brightest” in their field(s) through extraordinary creativity, vision, innovation, and productivity. They should have demonstrated experience in forming effective partnerships and collaborations and must exhibit strong potential for future leadership in breast cancer research. As the intent of the Era of Hope Scholar Award is to recognize creative and innovative individuals rather than projects, the central features of the award are the demonstrated ability of the individual named as the Principal Investigator (PI) in the application to go beyond conventional thinking in their field and the innovative contribution that the PI can make toward ending breast cancer. The application should articulate a vision that challenges current dogma and demonstrates an ability to look beyond tradition and convention.
Funder: Department of Defense (DoD)
Applicant: Early Career and Emerging in Field
Amount: $3,000,000 over 4 years
Pre-application deadline: 28 Mar 2023

DoD Breast Cancer, Transformative Breast Cancer Consortium Development Award (TBCCDA)
Purpose: The FY23 Transformative Breast Cancer Consortium Development Award is intended to provide successful applicants the time and resources needed to bring investigators and breast cancer advocates together to establish a consortium framework and conduct preliminary research to support application to a future, full Transformative Breast Cancer Consortium Award (pending availability of funds). This is a development award and is a separate mechanism from the full consortium award. Recipients of the FY23 Transformative Breast Cancer Consortium Development Award are expected to submit an application to compete for the full Transformative Breast Cancer Consortium Award anticipated to be offered in a future fiscal year(s).
Funder: Department of Defense (DoD)
Applicant: Early Career and Emerging in Field / Mid-Career to Established in Field
Amount: $100,000
Pre-application deadline: 28 Mar 2023

DoD Breast Cancer, Transformative Breast Cancer Consortium Award (TBCCA)
Purpose: The FY23 Transformative Breast Cancer Consortium Award is designed to support collaborations and ideas that will transform the lives of individuals with, and/or at risk for, breast cancer and will significantly accelerate progress

toward ending breast cancer. Applicants must bring together different perspectives to develop new paradigms that will solve fundamental yet overarching problems in breast cancer. This award requires a team-based approach by a consortium of exceptional researchers and advocates, whose collaborative efforts will make a transformative impact in breast cancer. The transformation intended by the consortium must be in people's lives, and not in the healthcare or research system.
Funder: Department of Defense (DoD)
Applicant: Early Career and Emerging in Field / Mid-Career to Established in Field
Amount: $25,000,000 over 4 years
Pre-application deadline: 29 Mar 2023

DoD Breast Cancer, Innovator Award (INNOV)
Purpose: The Innovator Award supports visionary individuals who have demonstrated exceptional creativity, innovative work, and paradigm-shifting leadership in any field including, but not limited to, breast cancer. The Innovator Award will provide these individuals with the funding and freedom to pursue their most novel, visionary, high-risk ideas that could accelerate progress to ending breast cancer. Because the intent of the Innovator Award mechanism is to recognize these remarkably creative and innovative visionary individuals, rather than projects, the central feature of the award is the innovative contribution that the Principal Investigator (PI) can make toward ending breast cancer. The PI should have a record of challenging the status quo, shifting paradigms by changing a field of research or approach to patient care, exhibiting high levels of creativity, and demonstrating promise for continued innovation in future work. To further the development of innovative individuals and spark the generation of novel ideas, applications are required to incorporate the mentoring of promising junior investigators.
Funder: Department of Defense (DoD)
Applicant: Mid-Career to Established in Field
Amount: $7,000,000 over 4 years
Pre-application deadline: 29 Mar 2023

Institutional Research Grants
Purpose: Institutional Research Grants are awarded to institutions as block grants, providing seed money for newly independent investigators to initiate cancer research projects. The intent is to support these junior faculty in initiating cancer research projects so they can obtain preliminary results that will enable them to compete successfully for national research grants.
Funder: National Institutes of Health (NIH)
Applicant: Early Career and Emerging in Field
Amount: $120,000 per year for 3 years
Deadline: 01 Apr 2023

FDA OMHHE Health Equity Innovation Award: Racial & Ethnic Minority Acceleration Consortium for Health Equity (REACH) (U01) Clinical Trials Optional
Purpose: This Funding Opportunity Announcement (FOA) is for FDA Office of Minority Health and Health Equity's (OMHHE) Health Equity Innovation Award: Racial & Ethnic Minority Acceleration Consortium for Health Equity (REACH). The consortium will consist of multiple cooperative agreement (U01) recipients that will strengthen and advance minority health and health equity focused research, outreach, and communications as well as support training and mentoring of diverse students, fellows, and/or researchers.
Funder: National Institutes of Health (NIH)
Applicant: Early Career and Emerging in Field / Mid-Career to Established in Field
Amount: $550,000 over 2 years
Deadline: 06 Apr 2023

Ruth L. Kirschstein National Research Service Award (NRSA) Individual Predoctoral Fellowship (Parent F31)
Purpose: The purpose of the Ruth L. Kirschstein National Research Service Award (NRSA) Individual Predoctoral Fellowship (Parent F31) award is to enable promising predoctoral students to obtain individualized, mentored research training from outstanding faculty sponsors while conducting dissertation research in scientific health-related fields relevant to the missions of the participating NIH Institutes and Centers. The proposed mentored research training must reflect the candidate's dissertation research project and is expected to clearly enhance the individual's potential to develop into a productive, independent research scientist. This Funding Opportunity Announcement (FOA)

is designed specifically for candidates proposing research that does not involve leading an independent clinical trial, a clinical trial feasibility study, or an ancillary clinical trial, but does allow candidates to propose research experience in a clinical trial led by a sponsor or co-sponsor.
Funder: National Institutes of Health (NIH)
Applicant: Currently enrolled PhD candidates
Amount: varies to reflect the needs of the project
Deadline: 08 Apr 2023

Ruth L. Kirschstein National Research Service Award (NRSA) Individual Postdoctoral Fellowship (Parent F32)
Purpose: The purpose of the Ruth L. Kirschstein National Research Service Award (NRSA) Individual Postdoctoral Fellowship (Parent F32) is to support research training of highly promising postdoctoral candidates who have the potential to become productive, independent investigators in scientific health-related research fields relevant to the missions of the participating NIH Institutes and Centers. Applications are expected to incorporate exceptional mentorship. This Funding Opportunity Announcement (FOA) is designed specifically for candidates proposing research that does not involve leading an independent clinical trial, a clinical trial feasibility study, or an ancillary clinical trial, but does allow candidates to propose research experience in a clinical trial led by a sponsor or co-sponsor.
Funder: National Institutes of Health (NIH)
Applicant: Postdoctoral Researchers
Amount: varies to reflect the needs of the project
Deadline: 08 Apr 2023

Short Courses on Innovative Methodologies and Approaches in the Behavioral and Social Sciences (R25 Independent Clinical Trial Not Allowed)
Purpose: The NIH Research Education Program (R25) supports research education activities in the mission areas of the NIH. The overarching goal of this R25 program is to support educational activities that complement and/or enhance the training of a workforce to meet the nation's biomedical, behavioral and clinical research needs. To accomplish the stated over-arching goal, this FOA will support creative educational activities with a primary focus on courses for skills development.
Funder: National Institutes of Health (NIH)
Applicant: Early Career and Emerging in Field / Mid-Career to Established in Field
Amount: $200,000/yr for 4 years
Deadline: 17 Apr 2023

DoD Ovarian Cancer, Investigator-Initiated Research Award
Purpose: The OCRP Investigator-Initiated Research Award is intended to support high-impact research that addresses a critical need and has the potential to make an important contribution to ovarian cancer or patient/survivor care. Research projects may focus on any phase of research, from basic laboratory research through translational research, excluding clinical trials. The application must demonstrate logical reasoning and a sound scientific rationale established through a critical review and analysis of the literature for the application to be competitive. Applications must include preliminary data that are relevant to ovarian cancer and support the proposed research project. These data may be unpublished or from the published literature.
Funder: Department of Defense (DoD)
Applicant: Early Career and Emerging in Field / Mid-Career to Established in Field
Amount: $600,000 - $800,000 over 4 years
Pre-application deadline: 17 Apr 2023

DoD Ovarian Cancer, Pilot Award
Purpose: The OCRP Pilot Award supports the exploration of innovative concepts or theories in ovarian cancer that could ultimately lead to critical discoveries or major advancements that will drive the field forward. The proposed research must demonstrate a clear focus on ovarian cancer (e.g., using tissues, cell lines, datasets, or appropriate animal models), and serve as a catalyst to expand or modify current thinking about and/or approaches in ovarian cancer. If cell lines or animals are to be used, a clear justification should be provided for the choice of proposed cell line(s) or animal model(s). To foster research with potential to yield new avenues of investigation, preliminary data are not required, but are allowed. Research projects should include a well-formulated, testable hypothesis based on strong scientific rationale; however, applications that demonstrate

exceptional scientific merit but lack innovation do not meet the intent of the Pilot Award. The outcome of research supported by this award should be the generation of robust preliminary data that can be used as a foundation for future research projects.
Funder: Department of Defense (DoD)
Applicant: Postdoctoral Researchers
Amount: $300,000 over 2 years
Pre-application deadline: 17 Apr 2023

DoD Lung Cancer, Concept Award
Purpose: The intent of the FY23 LCRP Concept Award is to support innovative, non-incremental, high-risk/potentially high-reward research that will provide new insights, paradigms, technologies, or applications in lung cancer. Studies supported by this award are expected to lay the groundwork for future avenues of scientific investigation. The proposed research project should include a well-formulated, testable hypothesis based on a sound scientific rationale and study design. The FY23 LCRP Concept Award mechanism encourages applications that specifically address the comprehensive lung cancer care and/or health disparities FY23 LCRP Areas of Emphasis by offering a Care Delivery and Health Disparity option.
Funder: Department of Defense (DoD)
Applicant: Early Career and Emerging in Field / Mid-Career to Established in Field
Amount: $100,000
Pre-application deadline: 02 May 2023

DoD Lung Cancer, Career Development Award
Purpose: The FY23 LCRP Career Development Award supports early-career, independent investigators to conduct impactful research under the mentorship of an experienced lung cancer researcher as an opportunity to obtain the funding, mentoring, and experience necessary for productive, independent careers at the forefront of lung cancer research. This award is intended to support impactful research projects with an emphasis on discovery. Preliminary data are not required. However, logical reasoning and a sound scientific rationale for the proposed research must be demonstrated. PIs must be within 5 years of their first faculty appointment (or equivalent) and exhibit a strong desire to pursue a career in lung cancer research.
Funder: Department of Defense (DoD)
Applicant: Early Career and Emerging in Field
Amount: $375,000 over 3 years
Pre-application deadline: 02 May 2023

Innovative Research in Cancer Nanotechnology (IRCN) (R01 Clinical Trial Not Allowed)
Purpose: This Funding Opportunity Announcement (FOA) entitled "Innovative Research in Cancer Nanotechnology (IRCN)" encourages applications promoting transformative discoveries in cancer biology and/or oncology through the use of nanotechnology. Proposed projects should address major barriers in cancer biology and/or oncology using nanotechnology and should focus on mechanistic studies to expand the fundamental understanding of nanomaterial and/or nano-device interactions with biological systems. These studies are expected to be relevant to the delivery of nanoparticles and/or nano-devices to desired and intended cancer targets *in vivo* and/or characterization of detection and diagnostic devices and sensors *in vitro*. IRCN awards are expected to produce fundamental knowledge to aid future and more informed development of nanotechnology-based cancer interventions.
Funder: National Institutes of Health (NIH)
Applicant: Early Career and Emerging in Field / Mid-Career to Established in Field
Amount: $450,000/yr for 5 years
Deadline: 04 May 2023

DoD Lung Cancer, Idea Development Award
Purpose: The FY23 LCRP Idea Development Award mechanism promotes new ideas that are still in the early stages of development and have the potential to yield impactful data and new avenues of investigation. This award supports conceptually innovative, high-risk/high-reward research that could lead to critical discoveries or major advancements that will accelerate progress toward eradicating deaths and suffering from lung cancer. Applications should include a well-formulated, testable hypothesis based on strong scientific rationale. The FY23 LCRP Idea Development Award mechanism encourages

applications from independent investigators in the early stages of their careers (i.e., within 10 years of their first faculty appointment or equivalent). However, applications from New Investigators and Established Investigators are welcome.
Funder: Department of Defense (DoD)
Applicant: Early Career and Emerging in Field / Mid-Career to Established in Field
Amount: $525,000 over 3 years
Pre-application deadline: 10 May 2023

National Institute of General Medical Sciences Predoctoral Institutional Research Training Grant (T32 - Clinical Trial Not Allowed)
Purpose: The goal of the National Institute of General Medical Sciences (NIGMS) Ruth L. Kirschstein National Research Service Award (NRSA) Predoctoral Institutional Research Training Grant (T32) program is to develop a diverse pool of well-trained scientists available to address the Nation's biomedical research agenda. Specifically, this funding opportunity announcement (FOA) provides support to eligible, domestic institutions to develop and implement effective, evidence-informed approaches to biomedical graduate training and mentoring that will keep pace with the rapid evolution of the biomedical research enterprise. NIGMS expects that the proposed research training programs will incorporate didactic, research, and career development elements to prepare trainees for careers that will have a significant impact on the health-related research needs of the Nation.
Funder: National Institutes of Health (NIH)
Applicant: Early Career and Emerging in Field / Mid-Career to Established in Field
Amount: varies to reflect the needs of the project
Deadline: 25 May 2023

National Cancer Institute Program Project Applications for the Years 2023, 2024, and 2025 (P01 Clinical Trial Optional)
Purpose: Through this Funding Opportunity Announcement (FOA), the National Cancer Institute (NCI) invites applications for investigator-initiated Program Project (P01) applications. The proposed Program may address any of the broad areas of cancer research, including (but not limited to) cancer biology, cancer prevention, cancer diagnosis, cancer treatment, and cancer control. Basic, translational, clinical, and/or population-based studies in all of these research areas are appropriate. Each application submitted in response to this FOA must consist of at least three research projects and an Administrative Core. The projects must share a common central theme, focus, and/or overall objective.
Funder: National Institutes of Health (NIH)
Applicant: Early Career and Emerging in Field / Mid-Career to Established in Field
Amount: varies to reflect the needs of the project
Deadline: 25 May 2023

Cancer Research Education Grants Program - Curriculum or Methods Development (R25 Clinical Trial Not Allowed)
Purpose: The NIH Research Education Program (R25) supports research education activities in the mission areas of the NIH. The overarching goal of this NCI R25 program is to support educational activities that complement and/or enhance the training of a workforce to meet the nation's biomedical, behavioral and clinical research needs. To accomplish the stated over-arching goal, this FOA will support creative educational activities with a primary focus on Curriculum or Methods Development. Applications are encouraged that propose innovative, state-of-the-art programs that address the cause, diagnosis, prevention, or treatment of cancer, rehabilitation from cancer, or the continuing care of cancer patients and the families of cancer patients, in order to advance the NCI mission.
Funder: National Institutes of Health (NIH)
Applicant: Early Career and Emerging in Field / Mid-Career to Established in Field
Amount: $150,000/year for 2 years
Deadline: 25 May 2023

Cancer Research Education Grants Program - Courses for Skills Development (R25 Clinical Trial Not Allowed)
Purpose: The NIH Research Education Program (R25) supports research education activities in the mission areas of the NIH. The overarching goal of this R25 program is to support educational activities that complement and/or enhance the training of a workforce to meet the

nation's biomedical, behavioral and clinical research needs. To accomplish the stated over-arching goal, this FOA will support creative educational activities with a primary focus on courses for skills development. Applications are encouraged that propose innovative, state-of-the-art programs that address the cause, diagnosis, prevention, or treatment of cancer, rehabilitation from cancer, or the continuing care of cancer patients and the families of cancer patients, in order to advance the NCI mission.
Funder: National Institutes of Health (NIH)
Applicant: Mid-Career to Established in Field
Amount: $300,000/yr for 5 years
Deadline: 25 May 2023

Stephen I. Katz Early Stage Investigator Research Project Grant (R01 Clinical Trial Not Allowed)
Purpose: The Stephen I. Katz Early Stage Investigator Research Project Grant supports an innovative project that represents a change in research direction for an early stage investigator (ESI) and for which no preliminary data exist. Applications submitted to this Funding Opportunity Announcement (FOA) must not include preliminary data. Applications must include a separate attachment describing the change in research direction. The proposed project must be related to the programmatic interests of one or more of the participating NIH Institutes and Centers (ICs) based on their scientific missions.
Funder: National Institutes of Health (NIH)
Applicant: Early Career and Emerging in Field / Mid-Career to Established in Field
Amount: varies to reflect the needs of the project
Deadline: 26 May 2023

Collaborative Program Grant for Multidisciplinary Teams (RM1 - Clinical Trial Optional)
Purpose: This Funding Opportunity Announcement (FOA) is designed to support highly integrated research teams of three to six Program Directors/Principal Investigators (PDs/PIs) to address ambitious and challenging research questions that are within the mission of NIGMS. Project goals should not be achievable with a collection of individual efforts or projects. Collaborative program teams are expected to accomplish goals that require considerable synergy and managed team interactions. Teams are encouraged to consider far-reaching objectives that will produce major advances in their fields. This FOA is not intended for applications that are mainly focused on the creation, expansion, and/or maintenance of community resources, creation of new technologies, or infrastructure development.
Funder: National Institutes of Health (NIH)
Applicant: Early Career and Emerging in Field / Mid-Career to Established in Field
Amount: $1,5000,000/yr for 5 years
Deadline: 26 May 2023

Support for Research Excellence (SuRE) Award (R16 Clinical Trial Not Allowed)
Purpose: SuRE is a research capacity building program designed to develop and sustain research excellence in U.S. higher education institutions that receive limited NIH research support and serve students from groups underrepresented in biomedical research with an emphasis on providing students with research opportunities and enriching the research environment at the applicant institutions. The purpose of SuRE awards is to provide research grant support for faculty investigators who have prior experience in leading externally-funded, independent research but are not currently funded by any NIH Research Project Grants with the exception of SuRE or SuRE-First awards.
Funder: National Institutes of Health (NIH)
Applicant: Early Career and Emerging in Field / Mid-Career to Established in Field
Amount: $100,000
Deadline: 26 May 2023

Technology Development to Reduce Health Disparities (R01 Clinical Trial Optional)
Purpose: The purpose of this funding opportunity is to reduce health disparities through the development and translation of appropriate medical technologies. This program seeks advances in medical technologies to reduce health disparities associated with diseases, illnesses, and conditions of public health importance. This announcement encourages applications to develop medical devices, imaging systems, robotic systems, biomaterial interfaces, synthetic biological systems, mathematical and

modeling solutions, and other technologies to address the healthcare needs of populations that experience health disparities. Proposed medical technologies must have the following basic characteristics: effective, affordable, culturally acceptable, and easily accessible to those who need them.
Funder: National Institutes of Health (NIH)
Applicant: Early Career and Emerging in Field / Mid-Career to Established in Field
Amount: $500,000/yr for 4 years
Deadline: 31 May 2023

Limited Competition: Basic Instrumentation Grant (BIG) Program (S10 Clinical Trial Not Allowed)
Purpose: The Basic Instrumentation Grant (BIG) Program encourages applications from groups of NIH-supported investigators to purchase a single high-priced, specialized, commercially available instrument or an integrated instrumentation system. The BIG Program is limited to institutions that have not received S10 instrumentation funding of $250,001 or greater in any of the Federal fiscal years 2018-2020. Instruments supported include, but are not limited to, basic cell sorters, confocal microscopes, ultramicrotomes, gel imagers, or computer systems.
Funder: National Institutes f Health (NIH)
Applicant: Early Career and merging in Field / Mid-Career to Established in Field
Amount: $25,000 - $250,000
Deadline: 01 Jun 2023

Shared Instrumentation Grant (SIG) Program (S10 Clinical Trial Not Allowed)
Purpose: The Shared Instrument Grant (SIG) Program encourages applications from groups of NIH-supported investigators to purchase or upgrade a single item of high-priced, specialized, commercially available instruments or integrated instrumentation system. Instruments supported include, but are not limited to: X-ray diffractometers, mass spectrometers, nuclear magnetic resonance spectrometers, DNA and protein sequencers, biosensors, electron and light microscopes, cell sorters, and biomedical imagers.
Funder: National Institutes of Health (NIH)
Applicant: Early Career and Emerging in Field / Mid-Career to Established in Field
Amount: $50,000 - $600,000
Deadline: 01 Jun 2023

High-End Instrumentation (HEI) Grant Program (S10 Clinical Trial Not Allowed)
Purpose: The High-End Instrumentation (HEI) Grant program encourages applications from groups of NIH-supported investigators to purchase or upgrade a single item of high-end, specialized, commercially available instruments or integrated systems. Instruments supported include, but are not limited to, biomedical imagers, high throughput robotic screening systems, X-ray diffractometers, mass spectrometers, nuclear magnetic resonance (NMR) spectrometers, DNA and protein sequencers, biosensors, electron and light microscopes, and cell sorters.
Funder: National Institutes of Health (NIH)
Applicant: Early Career and Emerging in Field / Mid-Career to Established in Field
Amount: $600,001 - $2,000,000
Deadline: 01 Jun 2023

Focused Technology Research and Development (R01 Clinical Trial Not Allowed)
Purpose: This Funding Opportunity Announcement (FOA) supports projects relevant to the NIGMS mission or those of other NIH institutes or Centers (ICs) participating in the FOA that focus solely on the development of technologies with the potential to enable acquisition of biomedical knowledge. Projects should be justified in terms of technical innovation and utility of such technical innovation for impacting future biomedical research. Outcomes or products of the proposed project should significantly advance the current state of the art and be sufficiently characterized for application in addressing a broad range of biomedical research questions. These outcomes may include, but are not limited to laboratory instruments and other devices, algorithms and software, chemical reagents and processes, or biological molecules or systems that have been modified by human intervention to become research tools. The goal of this FOA is to support the development of technologies with

demonstrated proof-of-concept that have remaining significant technical challenges to full implementation and broad utility. As such, applications should not propose to test specific biological questions. Applications proposing to test specific biological questions are not responsive to this FOA and will be administratively withdrawn without review. Applications with a focus on optimization, hardening, or obvious extrapolations of established technology will be a lower priority for funding. This initiative is also available through the Exploratory/Developmental Grants (R21) mechanism.
Funder: National Institutes of Health (NIH)
Applicant: Early Career and Emerging in Field / Mid-Career to Established in Field
Amount: varies to reflect the needs of the project
Deadline: 05 Jun 2023

NCI Cancer Moonshot Scholars Diversity Program (CMSDP) (R01 Clinical Trial Optional)
Purpose: This Funding Opportunity Announcement (FOA) supports the Cancer Moonshot Scholars Diversity Program (CMSDP) and solicits R01 grant applications that propose independent research projects within the scientific mission of the National Cancer Institute (NCI). The overarching goal of the CMSDP is to increase the number of R01 Early Stage Investigators (ESIs) and enhance the diversity of the cancer research workforce, while promoting scientific advancements in cancer. Investigators from diverse backgrounds, including those from underrepresented groups (NOT-OD-20-031, Notice of NIH's Interest in Diversity), are encouraged to work with their institutions to apply.
Funder: National Institutes of Health (NIH)
Applicant: Early Career and Emerging in Field / Mid-Career to Established in Field
Amount: varies to reflect the needs of the project
Deadline: 06 Jun 2023

The NCI Transition Career Development Award (K22 - Independent Clinical Trial Not Allowed)
Purpose: This Funding Opportunity Announcement (FOA) represents the continuation of an NCI program to facilitate the transition of investigators in mentored, non-independent cancer research positions to independent faculty cancer research positions. This goal is achieved by providing protected time through salary and research support for the initial 3 years of the first independent tenure-track faculty position, or its equivalent, beginning at the time when the candidate starts a tenure-track faculty position. This FOA is designed specifically for candidates : proposing research that does not involve leading an independent clinical trial, a clinical trial feasibility study, or an ancillary study to a clinical trial.
Funder: National Institutes of Health (NIH)
Applicant: Early Career and Emerging in Field
Amount: varies to reflect the needs of the project
Deadline: 12 Jun 2023

Utilizing the PLCO Biospecimens Resource to Bridge Gaps in Cancer Etiology and Early Detection Research (U01 Clinical Trial Not Allowed)
Purpose: Through this Funding Opportunity Announcement (FOA), the National Cancer Institute (NCI) encourages the submission of applications that propose to advance research in cancer etiology and early detection biomarkers, utilizing the advantages of the unique biorepository resources of the NCI-sponsored Prostate, Lung, Colorectal, and Ovarian Cancer (PLCO) Screening Trial. The PLCO Biorepository offers high-quality, prospectively collected, serial pre-diagnostic blood samples from the PLCO screened arm participants, and a onetime collection of buccal cells from both the screened and the control arm participants. Available data associated with the biospecimens includes demographic, diet, lifestyle, smoking, screening results, and other clinical data. This FOA supports a wide range of cancer research including, but not limited to, biochemical and genetic analyses of cancer risk, as well as discovery and validation of early detection biomarkers. The proposed research project must involve use of PLCO biospecimens and may include other resources; additionally, it should also take advantage of the unique characteristics of the PLCO biospecimens. Research on non-cancer outcomes, especially those related to aging (e.g., Alzheimer's, depression, hip fracture, osteoporosis and rheumatoid arthritis) may also

be supported. Research projects that do not involve the use of PLCO biospecimens will not be supported under this FOA.
Funder: National Institutes of Health (NIH)
Applicant: Early Career and Emerging in Field / Mid-Career to Established in Field
Amount: varies to reflect the needs of the project
Deadline: 13 Jun 2023

Development of Innovative Informatics Methods and Algorithms for Cancer Research and Management (R21 Clinical Trial Optional)
Purpose: The purpose of this Funding Opportunity Announcement (FOA) is to invite exploratory/developmental research grant applications (R21) for innovative informatics methods and algorithms to improve the acquisition, analysis, visualization, or interpretation of data across the cancer research continuum including cancer biology, cancer treatment and diagnosis, early cancer detection, risk assessment and prevention, cancer control and epidemiology, and/or cancer health disparities. As a component of the NCI's Informatics Technology for Cancer Research (ITCR) Program, the emphasis of this FOA is on supporting the development of novel informatics capabilities that involve a high degree of innovation that have the potential to accelerate or enhance research. To be successful, there must be a clear rationale for how the proposed informatics method or algorithm is novel and how it will benefit the cancer research field. Projects with a significant level of data generation and/or data analysis will not be considered responsive to this funding opportunity. This initiative is also available through the Research Project (U01) and Resource-Related Research Project (U24) mechanisms.
Funder: National Institutes of Health (NIH)
Applicant: Early Career and Emerging in Field / Mid-Career to Established in Field
Amount: $275,000 over 2 years
Deadline: 13 Jun 2023

NIGMS National and Regional Resources (R24 - Clinical Trial Not Allowed)
Purpose: This Funding Opportunity Announcement (FOA) encourages applications for support of resources that will provide access to state-of-the-art equipment, technologies, research tools, materials, organisms, software, and/or services to a substantial regional (multi-state) or national user base. Only those resources with technical capabilities that fall within the NIGMS-supported program areas are eligible for awards. The resources should already be established or may be formed through consolidation of existing local or regional facilities. The intent is to provide resource access to investigators without regard to the specific biomedical focus of their research, while not duplicating or replacing resources supported by sources such as other NIH Institutes and Centers (ICs) or host institutions. The resource is expected to be maintained or upgraded to current best practices, make its capabilities and availability known to the biomedical research community through outreach activities, and provide user training and support. The FOA does not support major new research and development efforts and stand-alone data resources and databases are not eligible.
Funder: National Institutes of Health (NIH)
Applicant: Early Career and Emerging in Field / Mid-Career to Established in Field
Amount: varies to reflect the needs of the project
Deadline: 14 Jun 2023

Exploratory Grant Award to Promote Workforce Diversity in Basic Cancer Research (R21 Clinical Trial Not Allowed)
Purpose: This Funding Opportunity Announcement (FOA) is a continuation of an NCI program to enhance the diversity of the pool of the cancer research workforce by recruiting and supporting eligible New Investigators and Early Stage Investigators from diverse backgrounds, including from groups that have been shown to be nationally underrepresented in the biomedical, behavioral, clinical and social sciences. This FOA will fund investigators to develop a larger research project grant application.
Funder: National Institutes of Health (NIH)
Applicant: Early Career and Emerging in Field
Amount: $275,000 over 2 years
Deadline: 14 Jun 2023

Modules for Enhancing Biomedical Research Workforce Training (R25 Clinical Trial Not Allowed)

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Purpose: The NIH Research Education Program (R25) supports research education activities in the mission areas of the NIH. The overarching goal of this R25 program is to support educational activities that complement and/or enhance the training of a workforce to meet the nation's biomedical, behavioral and clinical research needs. To accomplish the stated over-arching goal, this FOA will support creative educational activities with a primary focus on Curriculum or Methods Development. Specifically, this FOA will support the development of training modules designed to be freely available, at no cost to the broader community to enhance training of the biomedical research workforce. Responsive topics will be indicated through Notices of Special Interest (NOSIs) released annually by NIGMS.
Funder: National Institutes of Health (NIH)
Applicant: Early Career and Emerging in Field / Mid-Career to Established in Field
Amount: $250,000 over 3 years
Deadline: 19 Jun 2023

NCI Small Grants Program for Cancer Research for Years 2023, 2024, and 2025 (NCI Omnibus) (R03 Clinical Trial Optional)
Purpose: This funding opportunity announcement (FOA) supports small research projects on cancer that can be carried out in a short period of time with limited resources. The R03 grant mechanism supports different types of projects including pilot and feasibility studies; secondary analysis of existing data; small, self-contained research projects; development of research methodology; and development of new research technology.
Funder: National Institutes of Health (NIH)
Applicant: Early Career and Emerging in Field / Mid-Career to Established in Field
Amount: $50,000 per year for 2 years
Deadline: 20 Jun 2023

Building Research Capacity of New Faculty in Biology (BRC-BIO)
Purpose: With a focus on enhancing research capacity and broadening participation of new faculty of biology at minority-serving institutions (MSIs), predominantly undergraduate institutions (PUIs), and other universities and colleges that are not among the nation's most research-intensive institutions, the Directorate for Biological Sciences (BIO) offers the Building Research Capacity of New Faculty in Biology (BRC-BIO) program. The BRC-BIO program aims to a) broaden participation by expanding the types of institutions that submit proposals to BIO, and b) expand opportunities to groups underrepresented in the biological sciences, especially those serving at under-resourced institutions. Awards will provide the means for new faculty to initiate and build independent research programs by enhancing their research capacity.
Funder: National Science Foundation (NSF)
Applicant: Early Career and Emerging in Field
Amount: $450,000 (+$50K for equipment) over 3 years
Deadline: 30 Jun 2023

UPCOMING EVENTS

February 27 • 6:00 - 7:00 PM
Science Workshop Series - Intro to Zotero for Automatic Citation Management
This workshop will teach you how to use Zotero, free open-source software that can manage your research and create your bibliographies. We will create accounts, install the software, and get you started in using this time-saving tool. *Training presented by the Graduate Center.* Link to register

March 15 • 12:00 - 1:00 PM
U.S. Department of Education- Office of Postsecondary Education (OPE): Higher Education Programs (HEP): Promoting Postbaccalaureate Opportunities for Hispanic Americans (PPOHA) Program
The webinar will highlight the purposes of this program: (1) Expand postbaccalaureate educational opportunities for, and improve the academic attainment of, Hispanic students; and (2) expand the postbaccalaureate academic offerings, as well as enhance the

program quality, at the institutions of higher education (IHEs) that are educating most Hispanic college students and helping large numbers of Hispanic and low-income students complete postsecondary degrees. Presenters will be: John Tsapogas, Director, RFCUNY-APPS and Josh Brumberg, Dean for the Sciences, CUNY Graduate Center. *Training presented as part of the RFCUNY Brown Bag Series.* Link to register

March 23 • 1:00 - 2:00 PM
An Introduction to Grants & Funding
This workshop will cover GrantForward & Pivot, two databases that help to identify funding opportunities in a variety of fields, and are provided through the Research Foundation. We'll discuss how to get started, narrowing your search, and considerations of different funding types. We will be joined by Huyuni Suratt (Director of the Office of Research & Sponsored Programs at the Graduate Center), who will offer an overview of how that office can support student research. *Training presented by the Graduate Center.* Link to register

April 3 • 11:00 AM - 12:00 PM
Science Workshop Series - Open Access Publishing and Repository Use
This workshop will introduce the idea of Open Access Publishing and Institutional Repositories. We will talk about how you can use these tools to both publish and publicize your own research, and also how you can use them to find work that other scholars have made available. *Training presented by the Graduate Center.* Link to register