

Department of Surgery

UNIVERSITY OF MINNESOTA
Driven to DiscoverSM

External Research Funding Opportunities

Updated June 2018

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2018 Medical & Surgery Research Opportunities

Medical & Surgery Research Opportunities

Biomedical/Microbiota/Infectious

Helen Hay Whitney Foundation

Biomedical Research Fellowship

Deadline: July 2, 2018

Description: Supports *early postdoctoral research training* for three years in all basic biomedical sciences. To increase the number of well-trained and dedicated medical scientists, granting financial support of sufficient duration to help further careers of those engaged in biological or medical research. Candidates who hold, or in final stages of obtaining a Ph.D, M.D., or equivalent degree and seek beginning postdoctoral training in basic biomedical research are eligible to apply, candidates who have no more than one year of postdoctoral research experience at the time of submitting the application and who have received a PhD degree no more than 2 years before deadline, or an M.D. degree no more than 3 years.

Funding: \$175,500 over three years

NIH **Age-related Microbiota Changes and their Implications in Chronic Disease Prevention, Treatment and Progression**

Deadline: July 16, 2018

Description: To assess the role of the microbiome in health and disease during aging. Will support research projects designed to evaluate changes in the microbiota during lifetime and its influence in health and disease status in the elderly, including those from racial/ethnic minority and underserved populations and understand the underlying mechanisms of microbiota interactions in aged subjects as relate to health and disease. Will accept basic mechanistic, preclinical studies in animal models and human clinical trial proposals in accordance with the state of the science.

Funding: May not exceed \$275,000. No more than \$200,000 may be requested in any single year

Edward Mallinckrodt, Jr. Foundation

Grants Program

Deadline: Anticipated August 2018

Description: Providing support for early career investigators who are involved in biomedical research with the potential to significantly advance understanding, diagnosis or treatment of disease is the purpose of this program. Eligible candidates hold MD and/or PhD degrees, and are in the first to fourth year of their tenure-track faculty positions. This funding is designed to move the recipients into competitive positions for funding from NIH at the R01 level or other independent investigator funding.

Funding: \$180,000 (\$60,000 per year for three years)

NIH **Lasker Clinical Research Scholars Program (Si2/R00 Clinical Trial Optional)**

Deadline: August 31, 2018

Description: *PAR-18-740:* Supporting early stage careers of independent clinical researchers. Offers the opportunity for a bridge between the NIH intramural and extramural research communities and contains 2 phases. First phase, Lasker scholars receive appointments for 5-7 years as tenure-track investigators within the NIH Intramural Research Program with independent research budgets. Second phase, successful scholars will receive up to 3 years of NIH support for their research at an extramural research facility; or, the scholar can be considered to remain as an investigator within the intramural program.

Funding: Intramural Phase negotiated budget. NIH scientist salary Extramural Phase: \$499,000 year

Regenerative Medicine Minnesota Grants

Discovery Science Grant

Deadline: Anticipated October 2018

Description: Applicants should be performing scientific and/or medical research in Minnesota. PI's can be at any professional rank. RMM seeks a diverse portfolio of research projects that focus on optimizing the body's own ability to heal. Relevant fields include cell and developmental biology, regenerative pharmacology and immunology, medicine and surgery, biotechnology, bioengineering, genetics, and other fields that develop ways to replace, restore, or regenerate damaged or malfunctioning cells, tissues, and organs to help people return to better health. RMM has interest in broadening the portfolio of research that can help relieve chronic disorders that strongly impact patients and health care costs in MN, for example, kidney disease requiring dialysis, COPD, and diabetic and other non-healing wounds.

Funding: \$250,000 (\$125,000 per year for 2 years)

Burroughs Wellcome Fund

Investigators in the Pathogenesis of Infectious Disease

Deadline: Anticipated October 2018

Description: Funds research on infectious diseases where human and microbial systems connect. Supporting projects that focus on host and host-pathogen studies in viral, bacterial, fungal, or parasite systems. Eligible nominees have a terminal degree, an established record of independent research, an appointment at the tenure-track assistant professor level, and US citizenship.

Award Timeline

July 16, 2018 Pre-proposal deadline

by Oct. 1, 2018 Invitations sent

Nov. 15, 2018 Full application deadline

Apr. 16-17, 2019 In-person interviews

May 20, 2019 Notice of award

July 1, 2019 Award begins

June 30, 2024 Award end date

Funding: \$500,000 over five years

Burroughs Wellcome Fund (BWF)

Career Awards for Medical Scientists (CAMS)

Deadline: October 5, 2018

Description: This program facilitates transition from a mentored position to independence for the early career physician scientist, supporting biomedical, disease-oriented, or translational research. Eligible candidates hold MD, DDS, DVM, or DO degrees; are no more than 12 years beyond receipt of their most recently earned clinical doctorate degree; and must be at the rank of fellow, resident, or postdoctoral researcher with at least two years of postdoctoral research at time of application. Ideal candidates will be first author on at least one publication, and will have a significant publication record

Funding: \$700,000 over five years

Genentech Foundation

Scientific Project Support Fellowships

Deadline: Unavailable

Description: Supporting programs open to a broad audience that benefit patients, the scientific or medical community, and/or public health providing funding for general research, translational research, other research or development projects, and/or other initiatives of research organizations, labs, and academic institutions. Collaborations, clinical trials and associated correlative research involving or undertaken in relation to Genentech or Roche products (whether investigational and/or approved for other uses) are excluded from this type of support. Genentech may consider an international program if the majority is U.S. physicians and the organization requesting the funding is located in the U.S.

Funding: Request Funding

Cancer

American Association for Cancer Research

Pancreatic Cancer Collective New Therapies Challenge

Deadline: July 2, 2018

Description: The Pancreatic Cancer Collective (PCC) is an initiative of the Lustgarten Foundation and Stand Up To Cancer to improve pancreatic cancer patient outcomes. The Pancreatic Cancer Collective will accelerate research for pancreatic cancer patients who desperately need better treatments. Through the Collective, these two leading organizations in the cancer community, with input from thought leaders, will create a dynamic and fluid network to engage and influence medical institutions, researchers and companies, aligned to achieve something bigger and more meaningful

Funding: \$1,000,000

Damon Runyon Cancer Research Foundation

Damon Runyon-Rachleff Innovation Award

Deadline: July 5, 2018

Description: Supports the next generation of exceptionally creative thinkers with 'high-risk/high-reward' ideas that have the potential to significantly impact understanding of and/or approaches to the prevention, diagnosis or treatment of cancer. This award is specifically designed to provide funding to extraordinary early career researchers who have an innovative new idea but lack sufficient preliminary data to obtain traditional funding.

Funding: \$300,000 over two years

Department of Defense (DOD)

Ovarian Cancer Research Program (OCRP)

Deadline: August 8, 2018

Description: *Clinical Development Award:* To accelerate the clinical introduction of medical products & technologies that target ovarian cancer biology. Near-term clinical impact is expected. Proof of concept demonstrating the potential utility of the proposed product or a prototype/preliminary version of the proposed product should already be established; preclinical studies in animals are not allowed. Small-scale clinical trials studies enriching a clinical trial, and projects related to or associated with ongoing or completed clinical trials are allowed. Relevant data, published or unpublished, that support the study rationale are required.

Funding: \$600,000 (\$800,000 w/ Early-Career Investigator)

Department of Defense (DOD)

Ovarian Cancer Research Program (OCRP)

Deadline: August 8, 2018

Description: *Omics Consortium Development Award:* Supports a multi-institutional research effort conducted by leading ovarian cancer researchers and consumer advocates that specifically focuses on the compilation of new and/or use of existing large datasets to study the origin of ovarian cancer disease with an emphasis on early detection and screening. This effort will be executed through a two-stage approach using two separate award mechanisms: the first is the current funding opportunity, the FY18 Omics Consortium Development Award, which will enable the consortium to lay the groundwork for the research project, including a proof of concept preliminary research project; and the second is an FY20 Omics Consortium Award, which will support the execution of the full research project.

Funding: \$725,000

Department of Defense (DOD)

Ovarian Cancer Research Program (OCRP)

Deadline: August 8, 2018

Description: *Early-Career Investigator Award:* A unique, interactive virtual academy providing intensive mentoring, national networking, collaborations, and a peer group for junior faculty. The goal of the Ovarian Cancer Academy is to develop successful, highly productive ovarian cancer researchers in a collaborative research and career development environment.

Funding: \$400,000

Department of Defense (DOD)**Lung Cancer Research Program (LCRP)****Deadline:** August 9, 2018**Description:** *Concept Award:* Supports the exploration of a highly innovative new concept or untested theory that addresses an important problem relevant to lung cancer. The award is not intended to support an incremental progression of an already established research project but, instead, allows Principal Investigators (PIs) the opportunity to pursue serendipitous observations. Supports high-risk studies that have the potential to reveal entirely new avenues for investigation. Applications must describe how the new idea will enhance the existing knowledge of lung cancer or develop an innovative and novel course of investigation. Research completed through a Concept Award may generate sufficient preliminary data to enable the PI to prepare an application for future research.**Funding:** \$100,000**Department of Defense (DOD)****Breast Cancer Research Program (BCRP)****Deadline:** August 14, 2018**Description:** *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.**Funding:** \$5,000,000**Department of Defense (DOD)****Breast Cancer Research Program (BCRP)****Deadline:** August 14, 2018**Description:** *Breast Cancer Breakthrough Award (Levels 3 & 4):* The intent of the Breakthrough Award is to support promising research that has high potential to lead to or make breakthroughs in breast cancer.**Funding:** *Level 3:* \$2,400,000, (\$4,000,000 w/ Partnering PI Option); *Level 4:* \$10,000,000**Department of Defense (DOD)****Breast Cancer Research Program (BCRP)****Deadline:** August 14, 2018**Description:** *Distinguished Investigator Award:* Enables established visionary leaders from any field to pursue innovative ideas that could accelerate progress toward ending breast cancer. These individuals should be exceptionally talented researchers who have shown that they are leaders in their field(s) through extraordinary creativity, vision, and productivity. The Principal Investigator (PI) is expected to have a renowned reputation as a researcher who has made groundbreaking contributions to advancing his/her field. He/she should have demonstrated success at forming and leading effective partnerships and collaborations. Through his/her distinguished record of research and leadership, the PI should demonstrate the potential to make unique and significant advances in breast cancer.**Funding:** \$3,000,000**NIH & National Cancer Institute****Improving the Reach and Quality of Cancer Care in Rural Populations (R01 Clinical Trial Required)****Deadline:** August 22, 2018**Description:** *RFA-CA-18-026:* To reduce the burden of cancer and improve the quality of cancer care in rural areas among low-income and/or underserved populations. To reach this goal, we seek to fund studies that delineate the challenges to and strategies for delivering cancer care and treatment in rural areas, and develop and implement interventions in community and/or clinical settings. Proposals may assess and address quality of care indicators, health care delivery, and barriers that contribute to cancer burden in rural low-income and/or underserved populations. Focus is on rural low income/underserved populations. Studies in rural areas may involve studies with small populations that cannot be generalized to other contexts/populations.**Funding:** \$400,000 per year (\$500,000 per year w/ intervention project)

Department of Defense (DOD)**Breast Cancer Research Program (BCRP)****Deadline:** August 22, 2018**Description:** *Investigator-Initiated Award:* Supports high-impact research that 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.**Funding:** \$450,000**Department of Defense (DOD)****Breast Cancer Research Program (BCRP)****Deadline:** August 22, 2018**Description:** *Early-Career Investigator 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). The proposed research should include a testable hypothesis based on strong scientific rationale and serve as a catalyst to expand or modify current thinking about and/or approaches in ovarian cancer.**Funding:** \$250,000**Elsa U. Pardee Foundation****Grant Program****Deadline:** August 31, 2018**Description:** Funds research directed toward identifying new treatments or cures for cancer. Encourages applications, which will allow establishment of capabilities of new cancer researchers, or new cancer approaches by established researchers. Funding may lead to subsequent and expanded support using government agency funding. Project relevance to cancer detection, treatment, or cure.**Funding:** No limit (Awards range from \$100,000-\$200,000 over one year)**American Association for Cancer Research****Stand Up To Cancer (SU2C) Dream Team Translational Research Grant****Deadline:** *Anticipated Registration Deadline:* August 2018; *LOI:* September 2018; *Application:* January 2019**Description:** The grant will fund a translational cancer research project that will address critical problems in patient care, including prevention strategies for those at risk, and deliver near-term patient benefit through investigation by a multidisciplinary, multi-institutional, collaborative Dream Team of expert investigators. The ideas may focus on particular organ sites, patient populations (such as pediatrics) or on innovative methods of treatment. Projects must be designed to accelerate the application of new preventive, diagnostic or therapeutic approaches to the clinic (i.e., lead to patient involvement within 2-3 years from the beginning of the grant). Proposals must present plans indicating how the work will be translated into the clinic. Ideas should be based on perceived opportunities for success as well as high-priority areas with a critical need for rapid progress beyond current medical care.**Funding:** \$10,000,000 (One grant is expected. Grant term is three years.)**Department of Defense (DOD)****Prostate Cancer Research Program (PCRP)****Deadline:** September 6, 2018; *Pre-Application Deadline:* August 16, 2018**Description:** Early Investigator Research Award (W81XWH-18-PCRP-EIRA): Supports prostate cancer-focused research opportunities for individuals in the early stages of their careers, under the guidance of one or more designated Mentors. Allows for early career investigators to develop a research project, investigate a problem or question in prostate cancer research, and further their intellectual development as a prostate cancer researcher of the future.**Funding:** \$200,000

Department of Defense (DOD)**Prostate Cancer Research Program (PCRP)**

Deadline: September 6, 2018; *Pre-Application Deadline:* August 16, 2018

Description: Physician Research Award (W81XWH-18-PCRP-PRA): Supports a mentored research experience to prepare physicians with clinical duties and/or responsibilities for productive careers in prostate cancer research. The mentored physician is considered the Principal Investigator (PI) of the application. This award emphasizes equally the quality of the proposed research project and the career development of the PI, which should prepare physicians for careers in basic, population science, translational, or clinical prostate cancer research.

Funding: \$750,000

American Gastroenterological Association Research Foundation Bernard Lee Schwartz Foundation Designated Research Scholar Award

Deadline: September 8, 2018

Description: The award is made to a young investigator working toward an independent career in pancreatic cancer research. The overall objective is to enable young investigators to develop independent and productive research careers in digestive diseases by ensuring that a major proportion of their time is protected for research in pancreatic cancer. Candidates are required to have a sponsor and preceptor for the award; however, one individual may serve in the capacity of both positions. There must be a strong commitment from the candidate's institution to support the required protected time for research and adequate laboratory space and/or other supporting facilities. In addition, it is expected that the sponsor will outline specific plans for the future development of the candidate's research career. Candidates for this award must hold an MD, PhD or equivalent degree (e.g., MB, ChB, MBBS, DO) and a full-time faculty position at a US institution by July 1, 2017. AGA membership is required at the time of application submission. To support young faculty (not fellows) who have demonstrated exceptional promise and have some record of accomplishment in research. Candidates should be in the beginning years of their careers; therefore, established investigators are not appropriate candidates.

Funding: \$270,000 (One award of \$90,000 per year for three years.)

NIH**Improving the Reach and Quality of Cancer Care in Rural Populations (R01 Clinical Trial Required)**

Deadline: September 19, 2018

Description: *RFA-CA-18-026:* To reduce the burden of cancer and improve the quality of cancer care in rural areas among underserved populations. Encourages two types of applications: 1) observational research that includes pilot testing of intervention to understand and address predictors of cancer care/treatment and outcomes in rural low-income and/or underserved populations; or 2) intervention research to address known predictors of cancer care/treatment and outcomes in rural low-income and/or underserved populations. Specifically, the focus for observational studies (with pilot testing) is understanding and addressing the predictive and/or mediating role of social determinants of health, barriers to care, and treatment; and the focus for interventional research is on addressing quality of care related to cancer diagnosis, treatment and/or survivorship. Proposals should seek to develop, adapt, and/or implement, and test interventions.

Funding: \$7,000,000 to start for fiscal year 2019

Department of Defense (DOD)**Peer Reviewed Cancer Research Program (PRCRP)**

Deadline: September 26, 2018

Description: *Impact Award:* Supports research projects or ideas that specifically focus on critical scientific and clinical cancer issues, which, if successfully addressed, have the potential to make a major impact on at least one of the FY18 PRCRP Topic Areas. Important factors under consideration will be continuity of research, clinical applicability, and leveraging of clinical samples and trials. Seeks to build foundations for finding cures in under-funded, under-studied, and/or lethal militarily relevant cancer areas. Offers the opportunity to find commonalities in research across multiple cancers that advance the broader cancer field and to address cancer funding disparities within the FY18 PRCRP Topic A supports identifying scientific outcomes through rigorous, robust research that are translatable toward treatment and/or preventive strategies. Research proposed should aim to accelerate promising findings toward clinical applicability and leverage research results to maximize impact.

Funding: \$1,000,000

Department of Defense (DOD)**Peer Reviewed Cancer Research Program (PRCRP)**

Deadline: September 26, 2018**Description:** *Idea Award with Special Focus:* Supports innovative, untested, high-risk/ potentially high-reward concepts, theories, paradigms, and/or methods in cancer research that are relevant to active duty Service members, Veterans, other military beneficiaries, and the public. Focus of this award is on exposures, conditions, or circumstances that are unique to the military, disproportionately represented in a military beneficiary population, or may affect mission readiness. Cancers or circumstances with cancer risk that may affect military families are of special importance to the care and well-being of the military for total mission readiness. The advancement of knowledge in cancer research, patient care, and/or treatment options in the Military Health System is critical to active duty Service members, Veterans, other military beneficiaries, and the American public. Military relevance should be articulated with respect to the overall MHS, the FY18 PRCRP Military Relevance Focus Areas in Section II.A.2.**Funding:** \$400,000**Department of Defense (DOD)****Peer Reviewed Cancer Research Program (PRCRP)**

Deadline: September 26, 2018**Description:** *Idea Award with Special Focus:* Supports hypothesis-driven translational studies. Studies should be associated with a clinical trial and/or existing annotated biorepositories. Project should focus on research for the next-phase clinical trial or future clinical application. The TTSA is intended to support advanced translational studies that are based on results from clinical investigations. While funding for clinical trials is allowed, the TTSA is intended to support multi-investigator, multidisciplinary teams to perform clinical research studies and not only to fund a clinical trial. Research projects funded by the TTSA should address critical knowledge gaps in clinical outcomes, validate key research results, expand upon potentially game-changing results, or investigate novel clinical findings.**Funding:** \$1,000,000**Department of Defense (DOD)****Lung Cancer Research Program (LCRP)**

Deadline: September 26, 2018**Description:** *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. Intended to support impactful research projects with an emphasis on discovery.**Funding:** \$250,000**Department of Defense (DOD)****Lung Cancer Research Program (LCRP)**

Deadline: September 26, 2018**Description:** *Idea Development Award:* 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. 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.**Funding:** \$350,000**Department of Defense (DOD)****Lung Cancer Research Program (LCRP)**

Deadline: September 26, 2018**Description:** *Investigator-Initiated Translational Research Award:* Supports translational research that will develop promising ideas in lung cancer into clinical applications. Translational research may be defined as an integration of basic science and clinical observations. Observations that drive a research idea may originate from a laboratory discovery, population-based studies, or a clinician's firsthand knowledge of patient care. The research plan must involve a reciprocal flow of ideas and information between basic and clinical science.**Funding:** \$400,000

Department of Defense (DOD)**Peer Reviewed Cancer Research Program (PCRP)****Deadline:** September 26, 2018**Description:** *Career Development Award:* Supports independent, early-career investigators to conduct impactful research with the guidance of an experienced cancer researcher (i.e., the Career Guide). Presents an opportunity for early-career investigators to obtain the funding, guidance, and experience necessary for productive, independent careers at the forefront of cancer research. This award supports impactful research projects with an emphasis on discovery. Under this award mechanism, the early-career investigator is considered the Principal Investigator (PI), and the application should focus on the PI's research and career development. It should be clear that the proposed research is intellectually designed by the PI and not a product of the Career Guide. Preliminary data are not required.**Funding:** \$360,000**Department of Defense (DOD)****Lung Cancer Research Program (LCRP)****Deadline:** September 26, 2018**Description:** *Translational Research Partnership Award:* Supports partnerships between clinicians and research scientists to accelerate the movement of promising ideas in lung cancer into clinical applications. Supports the development of translational research collaborations between two, faculty level (or equivalent) investigators to address a central problem or question in lung cancer in a manner that would be less readily achievable through separate efforts. One partner must be a research scientist and the other must be a clinician. One partner in the collaboration is strongly encouraged to be an active duty Service member or Federal employee from a DOD military treatment facility or lab, or a VA medical center or research lab. At least one member of the partnership must have experience either in lung cancer research or patient care.**Funding:** \$900,000**Department of Defense (DOD)****Prostate Cancer Research Program (PCRP)****Deadline:** September 27, 2018; *Pre-Application Deadline:* July 6, 2018**Description:** *Idea Development Award (W81XWH-18-PCRP-IDA):* Intended to support new ideas that represent innovative approaches to prostate cancer research and have the potential to make an important contribution to the PCRP mission.**Funding:** \$600,000**American Association for Cancer Research****Stand Up To Cancer T-Cell Lymphoma Dream Team Translational Research Grant****Deadline:** October 12, 2018; *Letter of Intent Deadline:* July 2, 2018**Description:** The Stand Up To Cancer T-Cell Lymphoma Dream Team Translational Research Grant will fund a translational cancer research project focused on T-cell lymphoma that will address critical problems in patient care, including prevention strategies for those at risk, and deliver near-term patient benefit through investigation by a multidisciplinary, multi-institutional, collaborative Dream Team of expert investigators.**Funding:** \$8,000,000**The American College of Surgeons & Society for Vascular Surgery****ACS/SVS Foundation/NIH Research Career Development Award****Deadline:** October 12, 2018**Description:** Provides supplemental funding to those who receive NIH Mentored Clinical Scientist Research Career Development Award (K08) or (K23). This award is directed at surgeon-scientists working in the early stages of their research careers and requires co-sponsorship with the SVS Foundation of a three, four-or five-year period of supervised research that may integrate didactic studies with laboratory or clinically based research. This program will help to facilitate the career development of individuals pursuing careers in surgical research by enhancing salary support over and above that offered by the K08/K23 mechanism. Awardees must be members in good standing of both the College and the SVS.**Funding:** Unknown

Deadline: October 16, 2018

Description: *PA-18-678:* The purpose of this Funding Opportunity Announcement (FOA) is to promote epidemiologic research investigating novel and innovative hypotheses on emerging risk factors (biological, environmental, and social) and their interplay with established risk factors (e.g., viral hepatitis) associated with the development of liver cancer (hepatocellular carcinoma and other histological subtypes) in the United States.

Funding: \$275,000 over two years (no more than \$200,000 per year)

Department of Defense (DOD)

Prostate Cancer Research Program (PCRP)

Deadline: October 18, 2018

Description: *Impact Award (W81XWH-18-PCRP-IA):* Supports research projects that have the strong potential to make a major impact on scientific and clinical prostate cancer issues, and ultimately make major advances toward eliminating death from prostate cancer and enhancing the well-being of Service members, Veterans, and all men experiencing the impact of the disease. **Pre-Application Deadline: July 19, 2018**

Funding: \$750,000

NIH **Research Answers to National Cancer Institute's (NCI) Provocative Questions (R01 Research Project Grant, Clinical Trial Optional)**

Deadline: October 30, 2018

Description: *RFA-CA-18-019:* To support research projects designed to solve problems and paradoxes in cancer research identified by the NCI Provocative Questions (PQs) initiative. These problems are meant to challenge cancer researchers to think about and elucidate specific problems in key areas of cancer research that are deemed important but have not received sufficient attention. Some of these PQ's stem from intriguing but older, neglected observations that have never been adequately explored. Other PQs are built on more recent findings that are perplexing or paradoxical, revealing important gaps in current knowledge. Some PQs reflect problems that traditionally have been thought to be intractable but may be open to investigations. Project must be focused on addressing one particular research problem.

Funding: Not Limited

Cancer Research Institute

Clinic & Laboratory Integration Program (CLIP)

Deadline: November 1, 2018

Description: CLIP Grants provide funding for qualified scientists who are working to explore clinically relevant questions aimed at improving the effectiveness of cancer immunotherapies. The grant will support basic, pre-clinical, and translational research, which will provide information that can be directly applied to optimizing cancer immunotherapy in the clinic. Candidates for a CLIP Grant must hold a faculty appointment as a tenure-track assistant professor (or higher rank) at the time of award activation.

Funding: Up to \$200,000 over two years

Department of Defense (DOD)

Bone Marrow Failure Research Program - Idea Development Award

Deadline: November 1, 2018

Description: Idea Development Award: To fund scientifically meritorious research focused on BMF diseases. Investigator-initiated research is encouraged in the areas of congenital or acquired BMF. Studies focused on BMF diseases and their progressions to other malignancies, such as leukemia, are acceptable. However, research primarily focused on myeloproliferative neoplasms, leukemia, or other malignancies is discouraged. Stem cell biology studies and translational projects including bone marrow transplantation studies should be clearly related to BMF diseases.

Funding: \$3,000,000 (\$2.6M expected to fund ~5 applications for 2018)

Deadline: November 17, 2018

Description: PAR-16-049: Invites applications to establish research teams of the Small-Cell Lung Cancer (SCLC) Consortium to conduct research whose overall goals are: 1) to improve SCLC therapeutics, focusing on understanding how the molecular vulnerabilities of this cancer could be used to develop targeted agent combinations; and/or, 2) to gain a better understanding of the rapid development of clinical resistance to drug and radiation therapy.

Funding: \$450,000

The Gateway for Cancer Research

Gateway's Grant Application

Deadline: No due date. Continuous

Description: Gateway focuses on transformational science via effective clinical trials—when basic science translates into human testing and clinical practice. We invest in clinical trials to enroll patients at all ages, with all cancer types, whose cancer is at any stage of progress—as long we they have the potential to help people live longer and feel better. We accept submissions on a rolling basis and typically approve funding requests within 3-4 months—an extraordinarily short timeline compared to most research funding streams.

Funding: \$800,000 1-3 years

Colorectal Cancer Alliance

Chris4Life Research Program -- Young-Onset Colorectal Cancer Research Grant

Deadline: May 11-October 1, 2018

Description: Grants that are; Basic, Translational, Clinical, or Epidemiological in nature will be awarded to support research in young-onset colorectal cancer. The focus of research could be, but is not limited to, the following: The risk factors and causes associated with the rise in young-onset colorectal cancer. Prevention and early detection strategies. Better mechanisms for increasing long-term survival rates. The psychosocial impacts of young-onset colorectal cancer and the overall social influence on daily survivorship. An eligible proposal must demonstrate substantial potential for impact on prevention/early detection or treatment of young-onset colorectal cancer survivor population.

Funding: \$125,000 over 2 years

Cardiothoracic/Cardiology/Cardiopulmonary/Thoracic/Vascular

The Vasculitis Foundation

Research Program

Deadline: Anticipated August 15, 2018

Description: Supports pilot studies on the etiology, epidemiology, diagnosis, and treatment of vasculitis. Eligible applicants are medical researchers in a variety of disciplines including rheumatology, immunology, nephrology, pulmonary/respiratory diseases, and internal medicine

Funding: \$50,000 1 year

American College of Cardiology

ACCF/Merck Research Fellowships in Cardiovascular Disease and Cardio metabolic Disorders

Deadline: Anticipated September, 2018

Description: To support research in adult cardiology, preferring no more than two years of prior full-time experience either in clinical or basic research. Recipients will be expected to pursue a full-time project in clinical research during their year of supported training. Focus; proposals addressing CVD and Cardio metabolic disorders that address pathophysiology, molecular genetics, metabolic abnormalities leading to cardiovascular disease, hypertension, heart failure, hyperlipidemia, inflammatory mechanisms and new pathways for drug discovery. Proposals focusing on clinically relevant outcomes as a result of the metabolic syndrome, diabetes or obesity are encouraged.

Funding: \$70,000 for salary support

Thoracic Surgery Foundation (TSF)**Awards****Deadline:** September 15, 2018**Funding:** Ranges \$25,000-\$80,000**TSF Resident Research Fellowship Award****TSF Research Award****TSF Nina Starr Braunwald Research Fellowship Award****Nina Starr Braunwald Research Award****Michael J. Davidson Fellowship****STS Research Award****American Heart Association****Strategically Focused Research Program: Vascular Disease Network****Deadline:** Anticipated September 26, 2018

Description: The Network provides AHA with a mechanism to enhance the understanding of the causes, biology, pathophysiology and epidemiology of these disorders, and to develop more effective ways to prevent and treat them with ultimate improvement in outcomes. Vascular Diseases, specifically Peripheral Artery Disease (PAD) and/or Aortic Disease, constitute a broad array of disorders, applications responsive to this SFRN RFA must focus specifically on peripheral artery disease and aortic diseases in order to enhance synergy among centers and within the network. Supports a collaboration of basic, clinical and population researchers from different disciplines whose collective efforts will lead to new approaches to study vascular disease, particularly Peripheral Artery Disease and Aortopathy.

Funding: \$3,709,200 funding will be for 4 years with the opportunity for up to a 12-month No-Cost Extension

Vascular and Endovascular Surgery Center**ACS/SVS Foundation/NIH Research Career Development Award****Deadline:** October 10, 2018

Description: The VESS/Medtronic Resident Research Award is designed to help residents in training initiate projects during protected academic development time that will lead to future academic potential toward extramural funding for basic or clinical research. Candidates must identify with an accredited general or integrated vascular surgery residency program. Mentor, or collaborative investigator must be a VESS member.

Funding: \$12,500

Society for Vascular Surgery**Mentored Clinical Scientist Research Career Development Award (K08)****Deadline:** October 12, 2018

Description: The SVS Foundation and ACS offers this award jointly with the NHLBI to facilitate the research career development of individuals pursuing a career in vascular research. Provides financial support over and above that offered by the NHLBI K08 mechanism. The objective of the award is to continue the long standing NIH support of didactic study and mentored research for individuals. Provides support and protected time for an intensive, supervised research career development experience in the fields of biomedical or behavioral research, including translational research. The K08 award supports a three, four, or five-year period of supervised research experience. Proposed research must have intrinsic research importance as well as serving as a suitable vehicle for learning the methodology, theories, and conceptualizations necessary for a well trained independent researcher. Candidate must be an Active or Candidate Member of the SVS, have a MD degree, have completed postgraduate clinical training in vascular surgery, and must identify a mentor with extensive research experience.

Funding: The NHLBI awards US\$100,000 plus fringe benefits per year, up to five years, and the SVS Foundation provides \$50,000 up to five years

The American College of Surgeons & Society for Vascular Surgery**ACS/SVS Foundation/NIH Research Career Development Award****Deadline:** October 12, 2018

Description: Provides supplemental funding to those who receive NIH Mentored Clinical Scientist Research Career Development Award (K08) or Mentored Patient-Oriented Research Career Development Award (K23). Directed at surgeon-scientists working in the early stages of their research careers. Requires co-sponsorship with the Society for Vascular Surgery Foundation of a three, four-or five-year period of supervised research

experience that may integrate didactic studies with laboratory or clinically based research. Will help to facilitate the career development of individuals pursuing careers in surgical research by enhancing salary support over and above that offered by the K08/K23 mechanism. Must be members in good standing of both the College and the Society for Vascular Surgery.

Funding: Unknown

Vascular and Endovascular Surgery Center

Early Career Faculty Research Award

Deadline: November 7, 2018

Description: Specifically designed to help new vascular surgical investigators initiate projects that will lead to extramural funding for basic or clinical research. Eligibility: an early career faculty member. "Early career" implies holding a full-time vascular surgery academic appointment within five (5) years of completing surgical training at the time of grant submission. Senior vascular surgery trainees (2nd year fellows or 5th year residents) are eligible. Must be a VESS member in good standing.

Funding: \$22,500

Actelion Pharmaceuticals Ltd.

ENTELLIGENCE Young Investigators Awards

Deadline: Grant Submission: December 17, 2018-February 1, 2019. Letter of Intent Submission July 17-November 2, 2018

Description: Supports basic, translational, and clinical research related to pulmonary vascular disease. Young investigators must have a background in the field, and no more than 5 years of experience. Mentor is required.

Funding: \$100,000 for one year

The American Thoracic Society

2018 Research Program Portfolio

Deadline: Grant cycle open Due dates vary

Description: Supports research encompassing pulmonary, critical care, and sleep illnesses. Topics of exploration are diverse, and include lung cancer, asthma, acute respiratory distress syndrome (ARDS), pulmonary fibrosis, chronic obstructive pulmonary disease (COPD), sleep apnea, etc.

Funding: TBA

Critical Care and Trauma

Eastern Association for the Surgery of Trauma

Trauma Research Scholarship

Deadline: July 13, 2018 Letter of Intent now open

The John M. Templeton, Jr., MD Injury Prevention Research Scholarship

Description: The intent of the Trauma Research Scholarship is basic or applied trauma related research project of sufficient substance to have potential for further funding sources as initial studies are produced and published (e.g. basic science, clinical, epidemiology, injury prevention)

The intent of the John Templeton Scholarship is for an interventional trial in the field of injury prevention.

Funding: \$10,000-\$40,000

Department of Defense: United States Army

Trauma Resiliency Immersive Adaptive Gaming Environment (TRIAGE) Award

Deadline: September 17, 2018

Description: *W81XWH-18-S-MSI1*: Seeking proposals developing and evaluating an innovative protocol for virtual immersive gaming interoperable components that will increase medical care provider performance, adaptability, and agility in stress-inducing contexts related to Roles of Care 1-3. These resulting TRIAGE proof-of-concept models should be developed for relevancy to medical simulation training across the continuum of care and address the needs and priorities of the military medical training community, with applicability to civilian groups as well. TRIAGE is a line of research that maps to DHA's Warfighter Preparation, Resilience, Enhancement and Protection (WarPREP) program. It addresses the capability gap to provide resiliency training prior to deployment to better elicit higher performance under pressure.

Funding: \$2,600,000

Deadline: October 15, 2018**Description:** Advancing Research in Pulmonary and Respiratory Disease. Provides research support to clinical and basic scientists embarking on careers in clinical, laboratory or translational science related to Pulmonary, Critical Care and Sleep Medicine. Ideal candidate is one with evidence of strong aptitude in research and who is in transition from post-doctoral trainee to independent investigator. It is essential that there be evidence of accomplishment and proficiency in research.**Funding:** \$50,000 for year 1, \$52,000 for year 2, \$54,000 for year 3**Orthopaedic Research and Education Foundation****OREF & Orthopaedic Trauma Association (OTA) Trauma Research Grant****Deadline:** Anticipated December 13, 2018**Description:** This funding opportunity solicits investigator-initiated multidisciplinary research proposals focused on the development of new cell and tissue-based strategies to prevent, repair, regenerate, or replace injured musculoskeletal tissues.**Funding:** \$289,000 over a 3 year period**The Mayday Fund****Research Bench to Bedside****Deadline:** No deadline**Description:** Interested in projects that result in clinical interventions to reduce the toll of physical pain, pediatric pain, pain in non-verbal populations, and pain in the context of emergency medicine. Projects that hold promise of innovative clinical applications. We look to seed translational research to expand the scope and reach of pain treatments**Funding:** Recent grants range from \$10,000 - \$450,000**Diabetes****Center for Disease Control****Diabetes and Heart Disease & Stroke Prevent Programs****Deadline:** July 9, 2018**Description:** *CDC-RFA-DP18-1817:* Supports the design, testing, and evaluation of novel approaches to address evidence-based strategies aimed at reducing risks, complications, and barriers to prevention and control of diabetes and cardiovascular disease (CVD) in high-burden populations. Work will occur in state and local/city/county health departments with a population of 900,000 or more where significant reach may be achieved. Consortia of smaller local/city/county health departments may submit one application that, together, includes a population of 900,000 or more (using July 2012 U.S. Census estimates). High burden populations are those that data indicate are affected disproportionately by high blood pressure, high cholesterol, diabetes, or prediabetes due to socioeconomic or related factors. Category A includes diabetes management and type 2 diabetes prevention strategies. Category B includes CVD prevention and management strategies. Applicants may apply for Category A, Category B, or both via a single and clearly delineated application. In both categories, applicants will select from a menu of strategies, and should focus in areas where they have capacity to achieve greatest reach and impact. Applicants proposing to work in both categories should divide funds equally, and apply selected Category A and B strategies in the same populations/settings, so that work may be mutually reinforcing.**Funding:** \$3,000,000**American College of Cardiology****ACCF/Merck Research Fellowships in Cardiovascular Disease and Cardio metabolic Disorders****Deadline:** Anticipated September, 2018**Description:** Supports research in adult cardiology. Preference to those with no more than two years of full-time experience either in clinical or basic research. Recipients will be expected to pursue a full-time project in clinical research during their year of supported training. Research Focus: proposals addressing CVD and Cardio metabolic disorders and proposals that address pathophysiology, molecular genetics, metabolic abnormalities leading to cardiovascular disease, hypertension, heart failure, hyperlipidemia, inflammatory mechanisms and new pathways for drug

discovery. Proposals focusing on clinically relevant outcomes as a result of the metabolic syndrome, diabetes or obesity are also encouraged.

Eligibility: Anyone currently in an adult cardiology fellowship training program

Funding: \$70,000 for salary support

NIH - SBIR R43/R44**PHS 2018-02 Omnibus Solicitation of the NIH, CDC, and FDA for Small Business Innovation Research Grant**

Deadline: September 5, 2018

Description: Issued by the NIH, the CDC, and the FDA, invites eligible US small business concerns (SBCs) to submit Small Business Innovation Research (SBIR) grant applications. SBCs that have the research capabilities and technological expertise to contribute to the R&D mission(s) of the NIH, CDC, and FDA awarding components identified in this FOA are encouraged to submit SBIR grant applications in response to identified topics (see PHS 2018-2 SBIR/STTR Program Descriptions and Research Topics for NIH, CDC, and FDA. With justification, awards may exceed these amounts by up to 50% as a hard cap (\$225,000 for Phase I and \$1,500,000 for Phase II). NIH has received a waiver from SBA, to exceed the hard cap of \$225,000 for Phase I or \$1,500,000 for Phase II for specific topics. The list of approved topics can be found at <https://sbir.nih.gov/funding#omni-sbir>. Applicants are strongly encouraged to contact NIH program officials prior to submitting any application in excess of the guidelines and early in the process. Propose a budget that is reasonable and appropriate for completion of the project.

Funding: Total funding support normally may not exceed \$150,000 for Phase I awards and \$1,000,000 for Phase II awards.

NIH, United States Department of Health and Human Services, NIDDK**NIDDK Program Projects (P01 Clinical Trial Optional)**

Deadline: September 25, 2018

Description: *PAR-18-012:* Invites submission of investigator-initiated program project applications. New biologic knowledge will come from both sole investigators following their vision and from teams of scientists sharing their expertise. Some complex biomedical problems require a multidisciplinary vantage point to discover an innovative solution. The proposed programs should address scientific areas relevant to the NIDDK mission including diabetes, selected endocrine and metabolic diseases, obesity, digestive diseases and nutrition, and kidney, urologic and hematologic diseases, as well as new approaches to prevent, treat and cure these diseases, including clinical research.

Funding: \$6.25 MM in direct costs over 5 years

NIH**Evaluating Natural Experiments in Healthcare to Improve Diabetes Prevention and Treatment (R18)**

Deadline: November 1, 2018

Description: The purpose of this Research Demonstration and Dissemination Projects (R18) FOA is to support research to evaluate large scale policies or programs related to healthcare delivery that are expected to influence diabetes prevention and care. This FOA is not intended to support the initiation and delivery of new policies or programs. Research support is for the evaluation of the effectiveness of healthcare programs and/or policies implemented independent of NIH grant funding. The goal is to support research that meaningfully informs clinical practice and health policy related to prevention or management of diabetes.

Funding: Direct costs should generally be less than \$500,000. The maximum project period is five years.

NIH/National Institute of Diabetes and Digestive and Kidney Diseases**Understanding Skeletal Effects of Type 1 Diabetes**

Deadline: November 6, 2018

Description: *RFA-DK-18-002:* To elucidate the etiology and pathogenesis of the bone abnormalities found in subjects with type 1 diabetes (T1D) with the ultimate goal of informing future strategies to mitigate excessive risk of fracture in this population. Applications may propose de novo human studies or expansions of ongoing studies of well characterized T1D cohorts. Such expansions might include the addition of comprehensive skeletal characterization (e.g., radiological, mechanical, and biomarkers), clinical measures (e.g., glycemic control, frequency and severity of hypoglycemic episodes), including the use of continuous glucose monitoring (CGM) technologies and/or collection of data on other risk factors.

Clearly explained how the collection of additional data will contribute to the elucidation of skeletal consequences of T1D. Research focus should be on the bone complications of T1D. Comparisons of skeletal manifestations of T1D and type 2 diabetes are also encouraged.

Funding: \$400,000 per year

NIH **The Characterization and Discovery of Novel Autoantigens and Epitopes in Type 1 Diabetes (R01 Clinical Trial Optional)**

Deadline: November 6, 2018

Description: *RFA-DK-17-031:* Encourages applications from institutions/organizations proposing original research aimed at the characterization and discovery of neoantigens and neoepitopes in type 1 diabetes. These include the characterization of the humoral and cell mediated autoimmune responses elicited by these neoepitopes and neoantigens and their role in the etiology and pathophysiology of type 1 diabetes. These studies should be integrated with the present knowledge of established epitopes and antigens (e.g. autoantibodies for insulin, GAD65, IA-2, and ZnT8T).

Funding: \$250,000 to \$500,000 direct costs per year. The maximum project period is 4 years.

NIH, HHS, NIDDK **Pilot and Feasibility Therapeutic Clinical Trials in Diabetes, and Endocrine and Metabolic Diseases**

Deadline: November 16, 2018

Description: *PA-18-405:* Encourages the submission of pilot and feasibility therapeutic trials that lay the foundation for larger clinical trials related to prevention and/or treatment of diabetes or selected endocrine and genetic metabolic diseases. Supports short-term clinical trials in humans to acquire preliminary data and/or refine power calculations that lead to a larger, more definitive study impacting clinical care or health outcomes.

Funding: Upper \$275,000

NIH **Mechanisms Underlying the Contribution of Type 1 Diabetes Disease-associated Variants (R01 Clinical Trial Not Allowed)**

Deadline: December 6, 2018; *Letter of Intent:* November 6, 2018

Description: *RFA-DK-18-005:* Encourages applications from integrative teams and individual investigators for projects to determine the mechanisms underlying the contribution of these risk-associated genes and their variants for Type 1 Diabetes to accelerate the discovery of function of the causal genes and variants that influence the risk for disease

Funding: \$2,400,000 Limited to \$600,000 direct costs per year

NIH **Impact of the Use of Glucose Monitoring and Control Technologies on Health Outcomes and QoL in Older Adults with T1 Diabetes**

Deadline: December 6, 2018

Description: *RFA-DK-17-024:* Encourages applications from institutions/organizations proposing clinical studies of the use of current and emerging technologies for monitoring of blood glucose and insulin administration in older adults. Older adults may have increased vulnerability to hypoglycemia, cognitive impairment and/or multiple co-morbidities which may affect the risks and benefits of these technologies in this population. This research is intended to improve health, glucose control and quality of life of older patients with type 1 diabetes

Funding: \$500,000 per year

NIH/NIDDK **Understanding Skeletal Effects of Type 1 Diabetes (R01 Clinical Trial Optional)**

Deadline: December 6, 2018

Description: Invites applications for studies to understand the effects of type 1 diabetes (T1D) on bone mass and quality and/or fracture risk. Researchers may propose investigations in newly recruited subjects or using subjects and/or samples from ongoing clinical studies of individuals with for T1D. This FOA is to elucidate the etiology and pathogenesis of the bone abnormalities found in subjects with type 1 diabetes (T1D) with the ultimate goal of informing future strategies to mitigate excessive risk of fracture in this population. Applications may propose de novo human studies or expansions of ongoing studies of well characterized T1D cohorts. Such expansions might include the addition of comprehensive skeletal characterization (e.g., radiological, mechanical, and biomarkers), clinical measures (e.g., glycemic control, frequency and severity of hypoglycemic

episodes), including the use of continuous glucose monitoring (CGM) technologies and/or collection of data on other risk factors (e.g., micro- and macro-vascular disease, renal function, falls). Clearly explain how the collection of additional data will contribute to the elucidation of skeletal consequences of T1D. Research focus should be on the bone complications of T1D. Comparisons of skeletal manifestations of T1D and type 2 diabetes are also encouraged.

Funding: \$400,000 per year the maximum project period is 5 years

Broad Medical Research Program

Deadline: No deadline

Description: There is a two-step process for requesting funding from the Broad Medical Research Program for Inflammatory Bowel Disease: The first step is to submit a Letter of Interest. If the BMRP is interested in pursuing a project, an invitation is extended to submit. Grants are available for proposals that will lead to improvements in the prevention, diagnosis or therapy of Crohn's disease or ulcerative colitis. Soliciting proposals in two areas of research: Differences in IBD incidence between developing and developed countries. The BMRP is funding research into the possible reasons for low and high incidence of IBD in different areas of the globe. Proposals should be exploratory in nature or designed as pilot. Shed light on factors that may influence low versus high global areas of prevalence of the disease and should ultimately be helpful in improved understanding of the etiology of IBD and the factors that enhance or prevent the genesis of the disease. IBD and Diabetes Mellitus. Interested in early stage exploratory innovative proposals to investigate the similarities and differences between inflammatory bowel diseases and diabetes mellitus.

Funding: Not limited

Gastrointestinal/Digestive/Bariatric/Colon/Rectal

Research Foundation of the American Society of Colon and Rectal Surgeons

Research in Robotic Surgical Technology Grant

Deadline: August 15, 2018

Description: Provides opportunity to pursue research interest, specifically germane to robotic surgical technology in the field of colon and rectal surgery. Innovative projects are encouraged. The Research Committee is particularly interested in fostering collaborative research. Proposals which include 2+ institutions may be eligible for additional funding provide investigator the opportunity to pursue research interest.

Funding: \$50,000 1 year Collaborative Proposal w/ 2+ Institutions up to \$100,000 for year 1

American Gastroenterological Association

Research Scholar Award

Deadline: September 7, 2018

Description: Provides funding for a young investigator, instructor, research associate or equivalent working toward an independent career in gastroenterology, hepatology or related areas. The objective of the RSA is to support young gastroenterologists working toward independent and productive research careers in digestive diseases by ensuring that a major proportion of their time is protected for research (75 percent effort dedicated to project). Supports young faculty (not fellows) who have demonstrated exceptional promise and have some record of accomplishment in research.

Funding: \$270,000 (\$90,000 per year for three years)

American Gastroenterological Association

AGA-Takeda Pharmaceuticals Research Scholar Award in Inflammatory Bowel Disease

Deadline: September 7, 2018

Description: Provides funding to a young investigator, instructor, research associate or equivalent working toward independent careers in IBD research. AGA-Takeda Pharmaceuticals Research Scholar Award in IBD is to support young gastroenterologists working toward independent and productive research careers in IBD by ensuring that a major proportion of their time is protected for research (a min. of 75 percent effort dedicated to the project). Supports young faculty who have some record of accomplishment in research. Career Development, Young Investigators

Funding: \$270,000 (\$90,000 per year for three years)

Deadline: September 25, 2018**Description:** *PAR-18-012*: Invites submission of investigator-initiated program project applications. New biologic knowledge will come from both sole investigators following their vision and from teams of scientists sharing their expertise. Some complex biomedical problems require a multidisciplinary vantage point to discover an innovative solution. The proposed programs should address scientific areas relevant to the NIDDK mission including diabetes, selected endocrine and metabolic diseases, obesity, digestive diseases and nutrition, and kidney, urologic and hematologic diseases, as well as new approaches to prevent, treat and cure these diseases, including clinical research. A description of NIDDK scientific program areas can be found at <http://www.niddk.nih.gov/research-funding/process/apply/about-funding-mechanisms/niddk-collaborative-grants-comparison/Pages/default.aspx>**Funding:** Applications should not request more than \$6.25 MM in direct costs over 5 years

American Society of Colon and Rectal Surgeons**Career Development Award****Deadline:** October 1, 2018**Description:** Research may be in any subject of direct relevancy to the pathophysiology or care of management of diseases of the small bowel, colon, rectum or anus**Funding:** \$150,000 2 years

NIH**Exploratory/Developmental Clinical Research Grants in Obesity****Deadline:** October 16, 2018**Description:** *PA-18-720*: Encourages research grant applications from institutions that propose to conduct exploratory/developmental clinical studies that will accelerate the development of effective interventions for prevention or treatment of overweight or obesity in adults and/or children. Exploratory epidemiological research with a goal of informing translational/clinical research will also be supported within this program.**Funding:** \$275,000 over two years (no more than \$200,000 per year)

Society of American Gastrointestinal Endoscopic Surgeons (SAGES)**Research Grants****Deadline:** Anticipated November 2018**Description:** To stimulate original research in gastrointestinal and endoscopic surgery. The study may be either "bench" research or clinical.**Funding:** Up to \$30,000

American Society of Colon and Rectal Surgeons**Limited Project Grant (LPG)****Deadline:** November 1, 2018**Description:** Provides investigator the opportunity to pursue research interest, specifically germane to the field of colon and rectal surgery. It is anticipated that projects, initially funded through the Research Foundation, will ultimately secure funding from other national funding agencies.**Funding:** \$50,000 one year

American Society of Colon and Rectal Surgeons**General Surgery Resident Research Initiation Grant****Deadline:** November 1, 2018**Description:** To attract General Surgery Residents or recent graduates of such programs into the field of colon and rectal surgery by providing opportunities to engage in clinical or laboratory-based research focused on diseases of the colon, rectum and anus. Applicants must be within 5 years of first full-time faculty appointment. US citizen having completed an approved colorectal surgery training program; ASCRS members only.**Funding:** \$20,000

American Society of Colon and Rectal Surgeons**International Fellowship Grant**

Deadline: November 1, 2018

Description: Supports research programs that are focused on diseases of the colon, rectum and anus that will ultimately impact how we treat these patients. This grant will focus on providing support to clinical investigators in the U.S. who would like to participate in research outside the U.S. including US investigator engagement in global health research projects focused in colorectal surgery.

Funding: \$50,000 One year

American College of Gastroenterology**Junior Faculty Development Grants**

Deadline: Anticipated December 8

Description: Supports junior investigators working toward independent careers in clinical research in gastroenterology or hepatology. The objective is to assist promising clinical researchers in developing research careers that have a direct bearing on clinical gastrointestinal practice. This includes ensuring a major portion of the investigator's time is protected for research. To fund innovative research awards that are patient-oriented, which is defined as: (1) Research conducted with human subjects, (2) Research on new diagnostic and therapeutic interventions, and (3) Research on material of human origin, such as tissues and specimens.

Funding: \$300,000 (\$100,000 per year for three years)

American Society for Gastrointestinal Endoscopy (ASGE)**Endoscopic Research Awards**

Deadline: Anticipated December 15, 2018

Description: Awards are offered to investigators (MD, DO, PhD, or equivalent) for projects in basic, translational and clinical research with a relationship to gastrointestinal endoscopy. ASGE is particularly interested in endoscopic research pertaining to (in no particular order): colorectal cancer screening, Barrett's esophagus, endoscopy training, health disparities, quality measurement and improvement, endoscope reprocessing and infection control, endoscopic sedation/anesthesia, bowel preparation, novel endoscopic treatments for obesity, endoscopic ultrasound (EUS), endoscopic retrograde cholangiopancreatography (ERCP), and other endoscopically-guided imaging/interventions.

Funding: \$75,000

Broad Medical Research Program

Deadline: No Deadline

Description: Submit a Letter of Interest. If the BMRP is interested in pursuing a project, an invitation is extended to submit. Special Requests for Proposals. Grants are available for innovative proposals that will lead to improvements in the prevention, diagnosis or therapy of Crohn's disease or ulcerative colitis. Soliciting proposals in two areas of research: Differences in IBD incidence between developing and developed countries. The BMRP is funding research into the possible reasons for low and high incidence of IBD in different areas of the globe. Proposals should be exploratory in nature or designed as pilot. Research should shed light on factors that may influence low versus high global areas of prevalence of the disease and should ultimately be helpful in improved understanding of the etiology of IBD and the factors that enhance or prevent the genesis of the disease. IBD and Diabetes Mellitus.

Funding: Unannounced

Center for Gastrointestinal Biology and Disease (CGIBD)**Pilot Grants for Gastrointestinal Biology Research**

Deadline: To be Announced

Description: The Center for Gastrointestinal Biology and Disease (CGIBD), a joint program at the University of North Carolina at Chapel Hill and North Carolina State University, awards pilot and feasibility grants once each year in a competitive application process. The purpose of the program is to provide funds that will allow investigators to pursue new and innovative research ideas with the objective of obtaining preliminary data that may allow them to obtain independent funding. The proposed research must relate to digestive diseases. Pilot/feasibility proposals should be based on

research in gastrointestinal biology and epidemiology. Preference will be given to proposals that (1) appear likely to result in findings that will allow the investigator to successfully compete for subsequent independent funding and (2) are related to research directions of the UNC Center for Gastrointestinal Biology and Disease. Research theme is in the areas of gene-environment interaction as it relates to digestive and liver diseases. Among the areas of special interest are: inflammatory bowel diseases (IBD), liver disease, gastrointestinal cancer, intestinal water and electrolyte transport; gastrointestinal epithelial damage, growth, development and repair; intestinal stem cells; gut microbiome and the epidemiology of gastrointestinal disease. Applications investigating other aspects of gastrointestinal disease will be accepted. **Funding:** \$30,000

Heart, Lung, and Blood

Department of Defense

Lung Cancer Research Program (LCRP)

Deadline: August 9, 2018

Description: *Concept Award:* Supports the exploration of a highly innovative new concept or untested theory that addresses an important problem relevant to lung cancer. Not intended to support an incremental progression of an already established research project but, instead, allows PIs the opportunity to pursue serendipitous observations. Supports high-risk studies that have the potential to reveal entirely new avenues for investigation. Must describe how the new idea will enhance the existing knowledge of lung cancer or develop an innovative and novel course of investigation.

Funding: \$100,000

NIH Parent SBIR R43/R44

PHS 2018-02 Omnibus Solicitation of the NIH, CDC, and FDA for Small Business Innovation Research Grant

Deadline: September 5, 2018

Description: Issued by the NIH, the CDC, and the FDA, invites eligible US small business concerns (SBCs) to submit Small Business Innovation Research (SBIR) grant applications. SBCs that have the research capabilities and technological expertise to contribute to the R&D mission(s) of the NIH, CDC, and FDA awarding components identified in this FOA are encouraged to submit SBIR grant applications in response to identified topics (see [PHS 2018-2 SBIR/STTR Program Descriptions and Research Topics for NIH, CDC, and FDA](#)). With appropriate justification, Congress will allow awards to exceed by up to 50% as a hard cap (\$225,000 for Phase I and \$1,500,000 for Phase II). NIH has received a waiver from SBA, to exceed the hard cap of \$225,000 for Phase I or \$1,500,000 for Phase II. List of approved topics <https://sbir.nih.gov/funding#omni-sbir>.

Funding: Total funding (direct costs, indirect costs, fee) normally may not exceed \$150,000 for Phase I awards and \$1,000,000 for Phase II awards

NIH, HHS, NHLBI

Limited Competition: Small Grant Program for NHLBI K01/K08/K23 Recipients (R03 Clinical Trial Optional)

Deadline: September 7, 2018

Description: *RFA-HL-18-025:* To solicit current or recently completed NHLBI K01, K08, and K23 awardees for grant support to expand their current research objectives or to branch out to a study that resulted from the research conducted under the K award. Recently completed NHLBI K01, K08, and K23 awardees are eligible to apply for the R03 if the earliest possible R03 start date falls within 2 years of their prior NHLBI K award Project Period end date. Thus, this FOA is intended to enhance the capability of NHLBI K01, K08, and K23 award recipients to conduct research as they complete their transition to fully independent investigator status. 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. The R03 is intended to support research projects that can be carried out in a short period of time with limited resources and that provide preliminary data to support a subsequent R01, or equivalent, application.

Funding: Limited to direct costs up to \$50,000 per year. The project period is two years

NIH, HHS, NIDDK

NIDDK Program Projects (P01 Clinical Trial Optional)

Deadline: September 25, 2018

Description: *PAR-18-012:* Invites submission of investigator-initiated program project applications. New biologic knowledge will come from both sole investigators following their vision and from teams of scientists sharing their expertise. Some complex biomedical problems require a

multidisciplinary vantage point to discover an innovative solution. The proposed programs should address scientific areas including diabetes, selected endocrine and metabolic diseases, obesity, digestive diseases and nutrition, and kidney, urologic and hematologic diseases, as well as new approaches to prevent, treat and cure these diseases, including clinical research.

Funding: \$6.25 MM in direct costs over 5 years

American Heart Association

Strategically Focused Research Program: Vascular Disease Network

Deadline: Anticipated September 26, 2018

Description: The Strategically Focused Research Network provides AHA with a mechanism to enhance the understanding of the causes, biology, pathophysiology and epidemiology of these disorders, and to develop more effective ways to prevent and treat them with ultimate improvement in outcomes. Vascular Diseases, specifically Peripheral Artery Disease and/or Aortic Disease, constitute a broad array of disorders, but applications responsive to this SFRN RFA must focus specifically on peripheral artery disease and aortic diseases in order to enhance synergy among centers and within the network.

Funding: The maximum budget amount is \$3,709,200. Funding will be for 4 years with the opportunity for up to a No-Cost Extension

Department of Defense

Lung Cancer Research Program (LCRP)

Deadline: September 26, 2018

Description: *Idea Development Award:* 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. 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.

Funding: \$350,000

Department of Defense

Lung Cancer Research Program (LCRP)

Deadline: September 26, 2018

Description: *Translational Research Partnership Award:* Supports partnerships between clinicians and research scientists that will accelerate the movement of promising ideas in lung cancer into clinical applications. This award supports the development of translational research collaborations between two independent, faculty level (or equivalent) investigators to address a central problem or question in lung cancer in a manner that would be less readily achievable through separate efforts. One partner in the collaboration must be a research scientist and the other must be a clinician. In addition, one partner in the collaboration is strongly encouraged to be an active duty Service member or Federal employee from a DoD military treatment facility or laboratory, or a VA medical center or research laboratory. It should be clear that both have had equal intellectual input into the design of the research project. Multi-institutional partnerships are encouraged but not required. At least one member of the partnership must have experience either in lung cancer research or patient care.

Funding: \$900,000

Department of Defense

Lung Cancer Research Program (LCRP)

Deadline: September 26, 2018

Description: *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. Supports impactful research projects with an emphasis on discovery.

Funding: \$250,000

Department of Defense

Lung Cancer Research Program (LCRP)

Deadline: September 26, 2018

Description: *Investigator-Initiated Translational Research Award:* Supports translational research that will develop promising ideas in lung cancer into clinical applications. Observations that drive a research idea may originate from a laboratory discovery, population-based studies, or a clinician's firsthand knowledge of patient care. The goal of translational research is to move a concept or observation forward into clinical application. The research plan must involve a reciprocal flow of ideas and information between basic and clinical science.

Funding: \$400,000

American Lung Association

Clinical Patient Care Research Grants

Deadline: Anticipated December 2018

Description: The target for this seed grant program is junior investigators working on traditional clinical trials examining methods to improve patient care and/or treatment for lung disease with their mentors. Must hold doctoral degrees, and must have faculty appointments or be assured of faculty positions by time of award. Eligible MD candidates have completed two years of postdoctoral research training.

Funding: \$40,000 per year for two years

American Lung Association

Dalsemer Research Grants

Deadline: Anticipated December 2018

Description: Funding for early career investigators on the path to an independent research career, focusing on research concerning the mechanisms and biology of interstitial lung disease. Eligible applicants hold doctoral degrees, have a faculty appointment or will be in faculty positions by time of award, and have qualified mentors. MD applicants must have completed two years of postdoctoral research training.

Funding: \$40,000 per year for two years

American Lung Association

Biomedical Research Grants

Deadline: Anticipated December 2018

Description: This mentored award provides seed monies for junior investigators researching mechanisms of lung disease and general lung biology. Applicants must hold doctoral degrees, and have faculty appointments or be assured of faculty positions by time of award. MD applicants must have completed two years of postdoctoral research training.

Funding: \$80,000 (\$40,000 per year for two years)

Immunology

Cancer Research Institute (CRI)

Clinic and Laboratory Integration Program (CLIP) Grants

Deadline: November 1, 2018

Description: The Cancer Research Institute funds research aimed at furthering the development of immunological approaches to the diagnosis, treatment, and prevention of cancer. The Institute's mission is to bring effective immune system-based therapies to cancer patients sooner. To this end, CRI offers its Clinic and Laboratory Integration Program (CLIP) Grants to qualified scientists who are working to explore clinically relevant questions aimed at improving the effectiveness of cancer immunotherapies. The program supports basic, pre-clinical, and translational research that can be directly applied to optimizing cancer immunotherapy in the clinic.

Funding: Upper \$200,000

Cancer Research Institute (CRI)

Technology Impact Award

Deadline: November 15, 2018

Description: Provides seed funding to be used over 12-24 months to address the gap between technology development and clinical application of cancer immunotherapies. These grants aim to encourage collaboration between technology developers and clinical cancer immunologists and to generate the proof-of-principle of a novel platform technology in bioinformatics, ex vivo or in silico modeling systems, immunological or tumor

profiling instrumentation, methods, reagents and assays, or other relevant technologies that can enable clinician scientists to generate deeper insights into the mechanisms of action of effective or ineffective cancer immunotherapies. Award winners will be selected based on the novelty, creativity, technical sophistication, and transformative potential of the technology to impact cancer immunotherapy research around the world. The aim of this program is to advance technologies that can speed up the entire field's efforts in addressing one of the most defining challenges of our time--developing immunotherapies that are effective for all cancer patients.

Funding: \$200,000

Cancer Research Institute (CRI)

CRI Irvington Postdoctoral Fellowship Program

Deadline: October 2, 2018

Description: Supports qualified young scientists at leading universities and research centers around the world who wish to receive training in cancer immunology. The Institute seeks hypothesis driven, mechanistic studies in both immunology and tumor immunology. The applicant and sponsor must clearly state the potential of the proposed studies to directly impact our understanding of the immune system's role in cancer risk, tumor initiation, progression, metastasis, host response to tumors and/or the treatment of cancer. Fellows work and continue their training under the guidance of a world-leading immunologist, who mentors the fellow and prepares him or her for a productive and successful career in cancer immunology. An eligible project must fall into the broad field of immunology and must show relevance to solving the cancer problem. Applicants must have a doctoral degree by the date of award activation and must conduct their proposed research under a sponsor who holds a formal appointment at the host institution. Applicants with 5 or more years of relevant postdoctoral experience are not eligible, with the exception of M.D. applicants, who should not include years of residency in this calculation.

Funding: \$171,000

NIH National Institute of Allergy and Infectious Diseases (NIAID)

High Priority Immunology Grants (R01)

Deadline: October 5, 2018

Description: *PAS-15-055:* To augment the maintenance and growth of the NIAID portfolio of investigator-initiated R01 grants in fundamental immunology. It seeks to address a decline in NIAID immunology R01 applications that has occurred the past several years. In FY2016-2018 NIAID supported high priority immunology grants beyond the institute's payline to address a decline in NIAID immunology applications and to maintain a robust portfolio of immunology research (PAS-15-055, "High Priority Immunology Grants"). Based on the success of this program NIAID will continue to support a small number of investigator-initiated R01 immunology applications received in response to PA-18-484 NIH Research Project Grant (Parent R01 Clinical Trial Not Allowed) that score beyond the Institute's payline. NIAID is the lead NIH institute for research in fundamental immunology and is committed to supporting a comprehensive portfolio of investigator-initiated R01 studies as the basis of innovation and foundation for applied research in immunology and immune-mediated and infectious diseases. The NIAID strategic plan highlights the central role of immunology in the NIAID public health mission, providing the scientific basis for new, more effective approaches that include rational development of vaccines and adjuvants, manipulation of immune tolerance, and molecular understanding of the precise mechanisms of human immune regulation. Examples of scientific interest include, but are not limited to: Molecular mechanisms responsible for long-term, antigen-specific tolerance in T and B cells*Structural immunology*Discovery and characterization of novel innate immune receptors, signaling pathways and functions*Epigenetic modifications in immune responses and immunoregulation*Genetic, molecular, and cellular immune mechanisms underlying allograft or xenograft rejection or acceptance*Immunological mechanisms of autoimmune disease pathogenesis, remission and relapse*Mechanisms of maintenance or loss of tolerance in food allergy*Molecular mechanism responsible for short-term effector functions and long-term memory in T and B cells. [Notice of continued support](#)

Funding: Not Limited

Immune Tolerance Network (ITN)

Clinical Trials in Immune Tolerance

Deadline: No deadline

Description: Accepts Concept Proposals year-round for novel clinical trials with testable hypotheses designed to induce immune tolerance in allergy and asthma, autoimmune disease, transplantation and type 1 diabetes. Accepts proposals for the development of tolerance assays or mechanistic studies for the purposes of establishing new surrogate biomarkers of immune tolerance and investigating the mechanisms of clinical tolerance

Funding: Not limited

Nephrology/Endocrine/NIDDK

International Society of Nephrology (ISN)

Clinical Research Program

Deadline: September 1, 2018

Description: Four types of studies are funded: 1. Screening and intervention studies. These studies identify individuals at high risk for or with chronic kidney disease through screening programs. They should be complemented by patient follow-up programs focusing on medical management including health education, lifestyle modification and pharmacological treatment in order to reduce end-stage kidney and cardiovascular disease and mortality. 2. Clinical research studies addressing specific local needs. These clinical research projects address specific needs at the local regional/country level. Projects should be related to acute or chronic kidney disease. 3. Acute kidney injury studies: focus on clinical aspects of Acute Kidney Injury in low and middle income countries especially studies on epidemiology, risk factors, prevention & treatment and that align with key priorities of the 0by25 ISN human rights initiative. 4. Chronic kidney disease studies: of unknown origin

Funding: \$20,000 (The minimum duration for projects is 12 months and the projected time should not exceed 36 months)

NIH/NIDDK Undergraduate Summer Research Education in Kidney, Urologic, and Hematologic Diseases (R25 Clinical Trial Not Allowed)

Deadline: September 6, 2018

Description: *RFA-DK-18-006*: Supports educational activities that complement and/or enhance the training of a workforce to meet the nation's biomedical, behavioral and clinical research needs. Supports creative educational activities with a primary focus on research experiences. Solicits applications to establish summer research institutes for qualified undergraduates and recent post-baccalaureates to participate in summer research experiences relevant to the mission of the Division of Kidney, Urologic and Hematologic Diseases/NIDDK (NIDDK/DKUH).

Funding: Cannot exceed \$125,000 direct costs per year. Max project period: 5 years

Regenerative Medicine Minnesota

Translational Research Grant

Deadline: FOA available September 2018, Due date is pending

Description: Applicants should be performing scientific and/or medical research in Minnesota. PI's can be at any professional rank. RMM believes that early stage investigators bring fresh ideas to existing research problems and help pioneer new areas of investigation. Funding for research that moves discoveries into a potential clinical application by developing ways to replace, restore, or regenerate damaged or malfunctioning cells, tissues, and organs to help people return to better health. RMM has interest in broadening the portfolio of research that can help relieve chronic disorders that strongly impact patients and health care costs, for example, kidney disease requiring dialysis, chronic obstructive pulmonary disease (COPD), and diabetic and other non-healing wounds.

Funding: \$250,000 (\$125,000 per year for up to 2 years)

NIH

Pilot and Feasibility Clinical Research Grants in Kidney Diseases

Deadline: October 16, 2018

Description: Supports Exploratory/Developmental Research Grants (R21) that propose small scale or pilot and feasibility clinical and translational research studies, including epidemiological studies or clinical trials related to kidney disease research. Studies should address important clinical and

translational questions and are potentially of high clinical and public health impact. It is anticipated that some projects supported by these grants may lead to full-scale clinical studies including diagnostic strategies, epidemiological studies, or randomized clinical trials of diagnosis, prevention, or treatment of kidney diseases.

Funding: \$275,000 over two years (no more than \$200,000 per year)

American Kidney Fund

Clinical Scientist in Nephrology Program

Deadline: November 20, 2018

Description: To improve the quality of care provided to kidney patients and to promote clinical research in nephrology. The CSN program enhances the training of nephrologists who wish to pursue an academic career and whose primary professional commitment is to scholarship in the provision of patient care. Our CSN fellows conduct prevention and outcomes research while receiving advanced training in essential skills such as medical ethics, biostatistics and epidemiology. Acceptable candidates for Clinical Scientist in Nephrology Program are individuals who:

- have completed a residency in Internal Medicine or Pediatric Medicine
 - are qualified to sit for the American Board of Internal Medicine or Pediatric Medicine
 - are in the process of completing or have completed at least one year of training in Clinical Nephrology in an accredited U.S. program
 - can demonstrate an aptitude for and a commitment to developing special expertise in an area of knowledge applicable to Clinical Nephrology
 - intend to pursue a professional career with emphasis on the provision of care to patients with kidney disease, preferably within the confines of an academic medical center where they will be exposed to continued learning and teaching
 - can secure the support of their training program in the pursuit of these goals
- Clinical Scientist in Nephrology fellowships are not intended as a fellowship-to-faculty transitional award

Preference will be given to applicants in their first or second year of fellowship.

Funding: \$160,000 (\$80,000 a year for 2 years)

American Society of Nephrology (ASN), Oxalosis Hyperoxaluria Foundation

ASN Foundation Kidney Research Grants

Deadline: Anticipated December 6, 2018

Description: These grants support research on oxalosis, primary hyperoxaluria, and related stone diseases. Eligible applicants are within seven years of first fulltime faculty appointment at time of award, have terminal degrees, are North American residents, are independent investigators with less than \$250,000 in external research funding at time of award, and are ASN members.

Funding: \$200,000 (\$100,000 per year for two years)

American Society of Nephrology (ASN), ASN Foundation for Kidney Research

Career Development Grants

Deadline: Anticipated December 6, 2018

Description: The Program includes the following grants: ASN Foundation for Kidney Research Grants Joseph V. Bonventre- Given to a general nephrology investigator. Carl W. Gottschalk Research Scholar- Given to a general nephrology investigator. John Merrill Grant in Transplantation- Given to an investigator performing biomedical research (transplantation). Norman Siegel Grant- Given to pediatric investigator

Funding: \$200,000 (\$100,000 per year for two years)

American Society of Nephrology (ASN)

Ben J. Lipps Research Fellowship Program

Deadline: Anticipated December 6, 2018

Description: The goal of this program is to fund nephrology fellows to conduct original, meritorious research projects. This program will foster the training of fellows, under the direction of a sponsor, who are highly motivated to make contributions to the understanding of kidney biology and disease. Fellows may submit a proposal that examines any aspect of the entire spectrum of kidney biology and disease

Funding: \$50,000-\$100,000

Pancreas and Liver

Hirshberg Foundation

Seed Grant Program

Deadline: Anticipated August 15, 2018

Description: Funding both basic and clinical science research pertaining to pancreatic cancer, areas of interest are innovative ideas for improvement of diagnosis and development of new treatment options. Goals include funding at an early stage to gain necessary preliminary data to apply for additional funding elsewhere, and funding new scientific collaborations. Eligible investigators hold terminal degrees and may be at any academic level (assistant, associate, or full professor; research scientists, associates; or postdoctoral fellows after 2 years of training in pancreatic cancer research). Funding can be extended for more than one year based on competitive renewal/progress report findings.

Funding: \$40,000 per year 1 year

AGA Research Foundation

Bernard Lee Schwartz Foundation Designated Research Scholar Award in Pancreatic Cancer

Deadline: September 8, 2018

Description: For a young investigator working toward an independent career in pancreatic cancer research. To enable young investigators to develop independent and productive research careers in digestive diseases by ensuring that a major proportion of their time is protected for research in pancreatic cancer. Candidates are required to have a sponsor and preceptor for the award; however, one individual may serve in the capacity of both positions. **Funding:** \$270,000 (\$90,000 for 3 years)

American Association for the Study of Liver Disease

Clinical, Translational and Outcomes Research Award

Deadline: Anticipated December, 2018

Description: Intended to foster career development for individuals performing clinical research, translational research, or outcomes research in a liver-related area and who have shown commitment to excellence at an early stage of their research study. The awards ensure that a significant portion of young investigator's time is protected for research, with an overall objective of enabling young investigators to develop independent and productive research careers in liver disease.

Junior faculty (within 5 years of appointment)

Funding: \$200,000 (\$100,000/year)

American Association for the Study of Liver Disease

Autoimmune Liver Diseases Pilot Research Award

Deadline: Anticipated December, 2018

Description: To provide supplementary funding during the pilot phase of basic, translational or clinical research projects in autoimmune liver disease (e.g. autoimmune hepatitis, primary sclerosing cholangitis, and primary biliary cholangitis) in preparation for future grant applications by the recipient. Projects should address focused research questions pertaining to the pathogenesis, diagnosis, management or outcome of autoimmune liver diseases in children and adults. Basic, clinical, or translational research award. Career Level: Pre-doctoral/Graduate to junior faculty (within 5 years of appointment)

Funding: \$20,000 One year

American Association for the Study of Liver Disease

Afdhal / McHutchison LIFER Award

Deadline: Anticipated December, 2018

Description: To foster career development for fellows performing clinical research and/or translational research in a liver-related area and who have shown commitment to excellence at an early stage of their research study. Intended to ensure that the investigators' time is protected for research, to enable the investigators to develop independent and productive research careers in liver disease.

Funding: \$100,000 (\$50,000/year for two years)

American Liver Foundation**Postdoctoral Research Fellowship Award**

Deadline: Anticipated December 15, 2018

Description: Supports postdoctoral research fellows or trainees who seek professional development, additional training and experience in liver research. While applications on all liver-related research topics will be considered, the following are of particular interest: transplantation, autoimmune hepatitis, hepatitis, primary sclerosing cholangitis, biliary atresia, and primary biliary cirrhosis

Funding: \$12,500 one-year award

American Liver Foundation**Liver Scholar Award**

Deadline: Anticipated December 15, 2018

Description: Supports young scientists for their research to bridge the gap between completion of research training and attainment of status as an independent research scientist. Research experience provided by this award is intended to enable them to successfully compete for research awards from national sources, particularly the NIH. Intended to develop the potential of outstanding, young scientists and encourage research in liver physiology and disease. Either basic science or clinical studies are eligible for funding. Applications on all liver-related research topics will be considered, the following are of particular interest: biliary atresia and primary biliary cirrhosis.

Funding: \$225,000 Over 3 year period

Surgery**General Surgery****Association for Academic Surgery****Joel J. Roslyn Faculty Research Award**

Deadline: August 6, 2018

Description: The intent of this award, which is supported by the Journal of Surgical Research and its publisher, Elsevier Science is to provide early-career research support to junior faculty members of the AAS.

Funding: \$50,000

American College of Surgeons**Resident Research Scholarships**

Deadline: September 14, 2018

Description: The American College of Surgeons is offering two-year resident research scholarships. Eligibility for these scholarships is limited to the research projects of residents in surgery or a surgical specialty.

Funding: \$30,000 per year

American College of Surgeons (ACS)**Faculty Research Fellowships**

Deadline: November 15, 2018

Description: To assist a surgeon in the establishment of their research program under mentorship with the goal of transitioning to becoming an independent investigator. Applicants should have demonstrated their potential to work as independent investigators. 1.) Franklin H. Martin, MD, FACS, Faculty Research Fellowship of the ACS 2.) C. James Carrico, MD, FACS, Faculty Research Fellowship for the Study of Trauma and Critical Care. This fellowship is designated for research in trauma and critical care.

Funding: \$40,000 per year for each of two years

Surgical Infection Society**Clinical Research Training Fellowship**

Deadline: Anticipated December 15, 2018

Description: Provides the opportunity for a resident or fellow in a surgical discipline to spend one year full-time receiving training in the design, conduct, and interpretation of clinical research under the mentorship of a member of the SIS, and to foster interest in surgical infections as a career

focus. Project must be relevant to the broad discipline of surgical infectious diseases. Expects that a strong mentor-trainee relationship and the goals of training will be described as part of the application.

Funding: \$35,000

Surgical Infection Society

Junior Faculty Fellowship Award

Deadline: Anticipated December 15, 2018

Description: The purpose of this fellowship for Junior Faculty Members is to provide the opportunity for a junior faculty member to undertake a meaningful research project in an area relevant to surgical infectious diseases, and to foster interest in surgical infections as an academic career focus. Applications in this category may reflect basic, translational, or clinical research. The SIS Foundation requires that a trainee, with a doctoral degree or in a doctoral degree program, who is committed to collaborate with the awardee for the duration of the award period, will be identified explicitly to collaborate with the Jr Faculty Fellow and be mentored during the collaboration. Describe in specific detail the interaction of the mentor and trainee as collaborators in the scientific research, and in career development.

Funding: \$35,000

Surgical Infection Society

Basic or Translational Research Training Fellowship

Deadline: Anticipated December 15, 2018

Description: Opportunity for a resident or fellow in a surgical discipline to spend one year full-time receiving training in the design, conduct, and interpretation of basic or translational research in the laboratory of a member of the SIS, and to foster interest in surgical infections as a career focus. Project must be relevant to the broad discipline of surgical infectious diseases.

Funding: \$35,000

Surgical Technology

American Society of Colon and Rectal Surgeons (ASCRS), Research Foundation of ASCRS

Research in Robotic Surgical Technology

Deadline: August 15, 2018

Description: Purpose: To provide investigator the opportunity to pursue research interest, specifically germane to robotic surgical technology in the field of colon and rectal surgery. It is anticipated that successful research projects, initially funded through The Research Foundation of the ASCRS granting mechanism, will ultimately secure funding from other national funding agencies. [Criteria and Application Instructions](#)

Funding: \$50,000-\$100,000

Cancer Research Institute

Technology Impact Award

Deadline: November 15, 2018

Description: The Cancer Research Institute Technology Impact Award provides seed funding to be used over 12-24 months to address the gap between technology development and clinical application of cancer immunotherapies. These grants aim to encourage collaboration between technology developers and clinical cancer immunologists and to generate the proof-of-principle of a novel platform technology in bioinformatics, ex vivo or in silico modeling systems, immunological or tumor profiling instrumentation, methods, reagents and assays, or other relevant technologies that can enable clinician scientists to generate deeper insights into the mechanisms of action of effective or ineffective cancer immunotherapies. Award winners will be selected based on the novelty, creativity, technical sophistication, and transformative potential of the technology to impact cancer immunotherapy research around the world. The ultimate aim of this program is to advance technologies that can speed up the entire field's efforts in addressing one of the most defining challenges of our time--developing immunotherapies that are effective for all cancer patients.

Funding: Upper \$200,000

Plastic Surgery

American Association of Plastic Surgeons

Academic Scholarship

Deadline: Anticipated November, 2018

Description: Plastic and reconstructive surgeons who have completed their chief residency year or post-residency fellowship within the preceding five years, have a full-time faculty appointment in a department of surgery/plastic surgery, and potential to work as independent investigator.

Funding: \$60,000 for two years

American Society of Plastic Surgeons (ASPS) Plastic Surgery Foundation (PSF)

The National Endowment for Plastic Surgery Grant

Deadline: Anticipated December 1, 2018

Description: To support research projects which translate clinical or basic science research findings into clinically relevant advancements or tools with a high likelihood of impacting daily practice and patient care within the next few years. Applications will be evaluated based upon the importance of the study question, soundness of study design, demonstration of study feasibility through preliminary/pilot data, the quality of the investigator team, and use of appropriate statistical and analytic methods. The PSF has identified the following high-priority research areas in plastic surgery: Tissue engineering and regenerative medicine - Stem cell biology - Fat grafting and adipose matrices - Allograft dermis/epidermis for wound healing

- Vascularized composite allograft - Breast reconstruction - The use of biologics in breast reconstruction

- Surgical education - Safety, outcomes and health services research studies - Comparative effectiveness/cost studies - Breast Implants - ALCL and Breast Implants

Funding: Up to \$50,000 for projects up to 2 years

American Society of Plastic Surgeons (ASPS) Plastic Surgery Foundation (PSF)

PSF/MTF Allograft Tissue Research Grant

Deadline: Anticipated December 1, 2018

Description: The PSF and the Musculoskeletal Transplant Foundation (MTF) offer research grants to study allograft tissue transplantation in plastic and reconstructive surgery. Provides support for projects focused on biologic reconstruction with a strong clinical translation component that utilize dermal, adipose, placental or other allograft transplant technologies. Research grants are offered for projects with a high likelihood of impact on scientific discipline and/or on patient care. Clinical technologies of interest: the use of allograft biologics in breast reconstruction, wound healing, nose reshaping, soft tissue defect filling and other applications of allograft tissue in plastic and reconstructive surgery

Funding: \$50,000 Project duration up to 24 months

American Society of Plastic Surgeons/ Plastic Surgery Foundation

Pilot Research Grant

Deadline: Anticipated December 1, 2018

Description: The PSF, recognizes the importance of promoting innovative research in hand surgery, academic plastic surgery related to research, peripheral nerve research, microsurgery and stimulating fundamental research in plastic surgery

Funding: \$10,000

Plastic Surgery Foundation (PSF)

The PSF Translational Research Grant

Deadline: Anticipated December 1, 2018

Description: To accelerate the translation of scientific discoveries and technical developments into practical solutions that improve human health through innovation funding, and to encourage collaborative, transdisciplinary work to accelerate the translation of medical discoveries into improved health. These seed grants will be awarded in the areas of medical technology, therapeutics, diagnostics, population health sciences and community engagement. Examples include, but are not limited to, prototype device development, preclinical studies and pilot clinical studies.

Funding: \$50,000 for 1-year projects

Transplantation

Mendez National Institute of Transplantation Foundation (MNITF)

Research Grant Program

Deadline: July 31, 2018

Description: To create comprehensive research that advances scientific knowledge; Integrating transplantation with latest donor screening technologies, immunogenetics, post-transplant monitoring, and advancements in regenerative medicine; contributions to biology and medicine by developing new diagnostic, therapeutic paradigms; Empowering patients with end-stage organ disease and transplant recipients through education to proactively manage their health and improve outcomes.

Funding: \$50,000-\$150,000

Enduring Hearts

EH Direct Grant Program

Deadline: August 1, 2018

Description: To increase the longevity of transplanted human organs and related tissue transplants. Target research benefiting pediatric heart transplant recipients. Priority to clinical research projects and new emerging technologies focused on understanding the cause, development and prevention of human transplantation diseases, including organ injury and rejection, viral infection and late graft deterioration

Funding: \$200,000

Musculoskeletal Transplant Foundation & Plastic Surgery Foundation

PSF/MTF Biologics Allograft Tissue Research Grant Program

Deadline: Anticipated September 1- December 1

Description: Provides annual research grants to investigators studying allograft tissue transplantation in plastic and reconstructive surgery. Provides support for research projects focused on biologic reconstruction with a strong clinical translation component that use dermal, adipose, placental or other allograft transplant technologies. Awarded projects are those with a high likelihood of impact on scientific discipline and/or patient care. [Flyer](#)

Funding: \$50,000 up to 2 years

International Society for Heart & Lung Transplantation

Transplant Registry Early Career Awards

Deadline: October 1, 2018

Description: Applicants must have fellowship or junior faculty level status (defined as instructor or assistant professor equivalent) prior to award start date, must be ISHLT members, and must not have received funding for the same period from any other external sources. \$5,000 for statistical support and \$2,500 conference travel.

Funding: \$7,500 for 1 year

NIH

Improvement of Animal Models for Stem Cell-Based Regenerative Medicine

Deadline: October 5, 2018

Description: PAR-16-093: For institutions proposing research aimed at characterizing animal stem cells and improving existing, and creating new, animal models for human disease conditions. To facilitate the use of stem cell-based therapies for regenerative medicine. Focus areas: 1) comparative analysis of animal and human stem cells to provide information for selection of the most predictive and informative model systems; 2) development of new technologies for stem cell characterization and transplantation; and 3) improvement of animal disease models for stem cell-based therapeutic applications.

Funding: Not Limited

International Society of Nephrology (ISN) ISN-TTS

Sister Transplant Center Program

Deadline: October 1, 2018

Description: The ISN-TTS Sister Transplant Center Program is a joint partnership to create new kidney transplant centers and develop existing kidney transplant programs in emerging countries. Encourages transplant centers to work together to increase opportunities for kidney transplant patients in developing countries. An experienced transplant center in the developed world lends its support to an emerging transplant center to facilitate vital multidisciplinary training and encourage both centers to exchange their knowledge and expertise. Supporting centers get involved in global health, spread ethical and competent transplantation to regions of the world with limited or no current access to transplantation. Emerging centers connect with a multidisciplinary team of international experts in transplantation from a world-leading center.

Funding: The STC Program is bound by a limited budget, which cannot be exceeded.

NIH

Improvement of Animal Models for Stem Cell-Based Regenerative Medicine

Deadline: October 16, 2018

Description: PAR-16-094: Encourages applications from institutions proposing research aimed at characterizing animal stem cells and improving existing, creating new, animal models for human disease conditions. Intent is to facilitate the use of stem cell-based therapies for regenerative medicine. Focus areas: 1) comparative analysis of animal and human stem cells to provide information for selection of the most predictive and informative model systems; 2) development of new technologies for stem cell characterization and transplantation; and 3) improvement of animal disease models for stem cell-based therapeutic applications.

Funding: \$275,000 over two years (no more than \$200,000 per year)

AST Transplantation and Immunology Research Network (TIRN)

Career Development Grants: Faculty Development Research Grant

Deadline: Anticipated November 2018

Description: To promote the careers of young independent investigators within the first 5 years of their first faculty appointment. Allows the investigator to expand on preliminary research findings that will become the basis for individual research or career development awards from the NIH or equivalent agencies. Grant applications are submitted in one of three categories: basic, clinical, or translational science.

Funding: \$50,000 (per year for either one year or two years)

AST Transplantation and Immunology Research Network

Research Fellowship

Deadline: Anticipated November 2018

Description: Intended for individuals who have spent two years or less (at the time of the application) performing research in the area of transplantation since obtaining their last doctoral degree (PhD, MD, or equivalent).

Funding: \$50,000 (per year for either one year or two years)

International Society for Heart and Lung Transplantation (ISHLT)

Joel D. Cooper Career Development Award

Deadline: November 1, 2018

Description: Aimed to support the rising stars of basic, clinical or translational research at a critical time in their independent research career. Applicant will have already established a track record in the field of heart or lung transplantation, the failing heart or lungs or mechanical circulatory support and will aim to further develop their career in one of these areas. The applicant and applicant's sponsor/chief must be members of the ISHLT in good standing at the time of application and throughout the period of funding, must have completed post-graduate training (post-doctoral training for scientists or post Board certification/accreditation/staff appointment for clinicians).

Funding: \$160,000 (\$80,000 a year for 2 years)

International Society for Heart and Lung Transplantation (ISHLT)**Norman E. Shumway Career Development Award**

Deadline: November 1, 2018

Description: Aimed to support the rising stars of basic, clinical or translational research at a critical time in their independent research career. The awardees will have already established a track record in the field of heart or lung transplantation, the failing heart or lungs or mechanical circulatory support and will aim to further develop their career in one of these areas.

Funding: \$160,000 (\$80,000 a year for 2 years)

International Society for Heart and Lung Transplantation**ISHLT/Enduring Hearts Transplant Longevity Research Award**

Deadline: November 1, 2018

Description: To further the scientific understanding surrounding the topic of improving pediatric cardiac graft outcomes and patient quality of life and establish endowments for the study of heart and lung transplantation and end-stage heart and lung disease. Promotes research to improve longevity of pediatric heart transplants, improve quality of life for transplant recipients, and ultimately reduce and eliminate pediatric heart disease.

Funding: \$160,000

International Society for Heart and Lung Transplantation (ISHLT)**Research Fellowship Grant Award**

Deadline: November 1, 2018

Description: To support trainees in basic, clinical or translational research in transplantation or mechanical circulatory support in a mentored environment.

Funding: \$40,000 (1 year)

American Society of Plastic Surgeons**Plastic Surgery Foundation (PSF) PSF/MTF Allograft Tissue Research Grant**

Deadline: Anticipated December 1, 2018

Description: The PSF and the Musculoskeletal Transplant Foundation (MTF) offer research grants to study allograft tissue transplantation in plastic and reconstructive surgery. Provides support for projects focused on biologic reconstruction with a strong clinical translation component that utilize dermal, adipose, placental or other allograft transplant technologies. Research grants are offered for projects with a high likelihood of impact on scientific discipline and/or on patient care. Clinical technologies of interest: the use of allograft biologics in breast reconstruction, wound healing, nose reshaping, soft tissue defect filling and other applications of allograft tissue in plastic and reconstructive surgery.

Funding: Upper \$50,000 (Project duration up to 24 months)

Department of Defense (DOD)**Reconstructive Transplant Research Program (RTRP) Concept Award**

Deadline: Anticipated December 6, 2018; *Pre-Application:* November 6, 2018

Description: Department of the Army U.S. Army Medical Research and Materiel Command (USAMRMC Office of Congressionally Directed Medical Research Programs (CDMRP) W81XWH-17-RTRP-CA: The intent of the FY17 RTRP Concept Award is to support the exploration of a highly innovative new concept or untested theory that addresses an important problem relevant to reconstructive transplantation. The Concept Award is not intended to support a logical progression of an already established research project, but instead, supports high-risk studies that have the potential to reveal entirely new avenues for investigation. Young/early-career investigators are encouraged to apply

Funding: \$1,000,000

Department of Defense DOD - Defense Health Program**Department of Defense Reconstructive Transplant Research Program**

Deadline: TBA

Description: To support research projects that specifically address needs in the field of vascularized composite allotransplantation (VCA). The managing agent for the anticipated FOA is the Congressionally Directed Medical Research Programs (CDMRP) at the U.S. Army Medical Research

and Materiel Command (USAMRMC). Pre-application and application deadlines will be available when the Program Announcements are released. Focus Areas: The FY18 RTRP encourages research projects that specifically address needs in the field of vascularized composite allotransplantation (VCA) in the following focus areas: -Reduce the risks of VCA-associated immunotherapy-Revolutionize ex vivo VCA tissue preservation strategies to extend the timeline between procurement and transplantation.-Identify near- and long-term functional, quality-of-life, and psychosocial outcomes in VCA

Concept Award: Investigators at or above the level of postdoctoral fellow (or equivalent) Pre-application (Letter of Intent) is required. Supports the exploration of a highly innovative new concept or untested theory that addresses an important problem relevant to reconstructive transplant. Preliminary data are NOT allowed. Applications must address at least one of the FY18 RTRP Focus Areas.

Investigator-Initiated Research Award: Independent investigators at all academic levels (or equivalent) Preproposal is required; full application submission is by invitation only. Supports studies with potential to make an important contribution to the reconstructive transplant research field, patient care, and/or quality of life. Preliminary or published data required. Applications must address FY18 RTRP Focus Areas.

Qualitative Research Award: Independent investigators at all academic levels (or equivalent) Preproposal is required; full application submission is by invitation only. Supports qualitative research studies that will help researchers and clinicians to better understand the experiences of individuals who are considering, or have already, received reconstructive transplant surgery. Demonstrated qualitative research experience within the research team is required. Applications must address the following FY18 RTRP Focus Area: Identify near- and long-term functional, quality-of-life, and psychosocial outcomes in VCA. Multiple PI Option supports synergistic partnerships among two to four investigators collaborating on a single application; multi-institutional collaborations are encouraged. A pre-application must be submitted prior to the pre-application deadline.

Funding: Concept Award: Max. \$200,000 for total costs (Max. project period is 18 months) Investigator-Initiated Research Award: Max. funding \$1MM. (Max. project period is 3 years) Qualitative Research Award: Max. funding \$1MM for total costs (Max. period of performance is 3 years)

Immune Tolerance Network

Clinical Trials in Immune Tolerance

Deadline: No deadline

Description: Accepts proposals year-round for novel clinical trials with testable hypotheses that are designed to induce immune tolerance in allergy and asthma, autoimmune disease, transplantation and type 1 diabetes. Accepts proposals for the development of novel tolerance assays or mechanistic studies for the purposes of establishing new surrogate biomarkers of immune tolerance and investigating the mechanisms of clinical tolerance.

Funding: Not limited

Miscellaneous Research Funding Opportunities

Department of Defense

Defense Medical Research and Development Program (DMRDP)

Deadline: July 25, 2018

Description: Supports preclinical research, clinical research and early phase clinical trials/testing. A clinical trial is defined as a prospective accrual of human subsets where an intervention (e.g., device, drug, biologic, surgical procedure, rehabilitative modality, behavioral intervention, or other) is tested on a human subject for a measurable outcome with respect to safety, effectiveness, and/or efficacy. This outcome represents a direct effect on the human subject of that intervention or interaction.

Funding: \$1,250,000

NIH

P01 Research Program Projects and Centers

Deadline: September 25, 2018

Description: Supports a broadly based, multidisciplinary, long-term research program, which has a specific objective, or a basic theme that involves organized efforts of relatively large groups. Project is usually under the leadership of an established investigator. Provides support for

certain basic resources used by these groups in the program, including clinical components, the sharing of which facilitates the total research effort. Projects supported should contribute or be directly related to the common theme of the total research effort.

Funding: Determined by FOA

Regenerative Medicine Minnesota

Translational Research Grant

Deadline: Funding announcement-pending September. Anticipated due date October, 2018

Description: Applicants should be performing scientific and/or medical research in Minnesota. PI's can be at any professional rank. Funding provided for research that moves scientific discoveries into a potential clinical application by developing ways to replace, restore, or regenerate damaged or malfunctioning cells, tissues, and organs to help people return to better health. RMM has interest in broadening the portfolio of research that can help relieve chronic disorders that strongly impact patients and health care costs, for example, kidney disease requiring dialysis, chronic obstructive pulmonary disease (COPD), and diabetic and other non-healing wounds.

Funding: \$250,000 (\$125,000 per year for up to 2 years)

Merck

Perioperative Care -- Investigator Studies Program (MISP)

Deadline: September 4, 2018

Description: Aims to advance science and improve patient care by supporting, through the provision of drug/vaccine and/or total/partial funding, high-quality research that is initiated, designed, implemented and sponsored by external investigators. 5 review cycles: Full Submission w/Detailed Budget due: January 1, March 1, May 1, July 2 Corresponding Final Protocol Submissions due: Feb 16, April 13, June 15, August 17, October 19.

Funding: Not provided

Department of Defense United States Army

Trauma Resiliency Immersive Adaptive Gaming Environment (TRIAGE) Award

Deadline: September 17, 2018

Description: W81XWH-18-S-MSI1: Seeking proposals developing/evaluating innovative protocol for virtual immersive gaming interoperable components to increase medical care provider performance, adaptability, and agility in stress-inducing contexts related to Roles of Care 1-3. These proof-of-concept models should be developed for relevancy to medical simulation training across the continuum of care and address the needs and priorities of the military medical training community, with applicability to civilian groups as well. TRIAGE is a line of research that maps to DHA's Warfighter Preparation, Resilience, Enhancement and Protection (WarPREP) program. It addresses the capability gap to provide resiliency training prior to deployment to better elicit higher performance under pressure. Goal is to increase medical care providers' readiness and resiliency through increases in performance, adaptability, and agility in the diverse high pressure and stressful context anticipated in Roles of Care 1-3.

Funding: \$2,600,000

Department of Defense

Peer Reviewed Medical Research Program (PRMRP)

Deadline: September 20, 2018

Description: Focused Program Award: The PRMRP Focused Program Award mechanism is intended to optimize research and accelerate the solution for a critical question related to at least one of the Congressionally directed FY18 PRMRP Topic Areas through a synergistic, multidisciplinary research program.

Funding: \$10,000,000

Department of Defense

Peer Reviewed Medical Research Program (PRMRP)

Deadline: September 20, 2018

Description: Investigator-Initiated Award: The PRMRP Investigator-Initiated Research Award (IIRA) is intended to support studies that will make an important contribution toward research and/or patient care for a disease or condition related to at least one of the FY18 PRMRP Topic Areas

Funding: \$1,200,000 (\$1,500,000 w/ Partnering PI)

Department of Defense**Peer Reviewed Medical Research Program (PRMRP)**

Deadline: September 20, 2018**Description:** Technology/Therapeutic Development Research Award: A product-driven award mechanism intended to provide support for the translation of promising preclinical findings into products for clinical applications, including prevention, detection, diagnosis, treatment, or quality of life, in at least one of the Congressionally directed FY18 PRMRP Topic Areas. Products in development should be responsive to the healthcare needs of military Service members, Veterans, and/or beneficiaries.**Funding:** \$3,000,000

NIH, HHS, NIDDK**NIDDK Program Projects (P01 Clinical Trial Optional)**

Deadline: September 25, 2018**Description:** PAR-18-012: Invites submission of investigator-initiated program project applications. New biologic knowledge will come from both sole investigators following their vision and from teams of scientists sharing their expertise. Some complex biomedical problems require a multidisciplinary vantage point to discover an innovative solution. The proposed programs should address scientific areas relevant to the NIDDK mission including diabetes, selected endocrine and metabolic diseases, obesity, digestive diseases and nutrition, and kidney, urologic and hematologic diseases, as well as new approaches to prevent, treat and cure these diseases, including clinical research. A description of NIDDK scientific program areas can be found at <http://www.niddk.nih.gov/research-funding/process/apply/about-funding-mechanisms/niddk-collaborative-grants-comparison/Pages/default.aspx>**Funding:** \$6.25 MM in direct costs over 5 year

Department of Defense**Peer Reviewed Medical Research Program (PRMRP)**

Deadline: September 27, 2018**Description:** Clinical Trial Award: Supports the rapid implementation of clinical trials with the potential to have a significant impact on a disease or condition addressed in at least one of the congressionally directed FY18 PRMRP Topic Areas. Clinical trials may be designed to evaluate promising new products, pharmacologic agents (drugs or biologics), devices, clinical guidance, and/or emerging approaches and technologies. Projects may range from small proof of-concept trials (e.g., pilot, first in human, Phase 0) to demonstrate feasibility or inform the design of more advanced trials, through large-scale trials to determine efficacy in relevant patient populations. All studies must be responsive to the healthcare needs of military Service members, Veterans, and/or beneficiaries; however, the use of military or Veteran populations is not required.**Funding:** Not restricted

NIH**NIH Director's Early Independence Award (DP5 - Clinical Trial Optional)**

Deadline: September 27, 2018**Description:** RFA-RM-18-010: Supports exceptional investigators who wish to pursue independent research essentially directly after completion of their terminal doctoral/research degree or end of post-graduate clinical training, forgoing the traditional post-doctoral training period and accelerating entry into an independent research career. Applications are welcome from individuals of diverse backgrounds and perspectives.**Funding:** \$250,000 in direct costs per year, plus applicable F&A costs

Robert J. Kleberg, Jr. and Helen C. Kleberg Foundation**Medical Research Grant**

Deadline: September 30, 2018**Description:** Seek highly innovative and groundbreaking medical research proposals in both basic biological and applied research that will have the greatest impact on scientific knowledge and human health. Proposals should be distinctive and novel in their approaches, question the prevailing paradigm, and lead to advancement of knowledge in the field.**Funding:** No limit specified. Grants range from \$212k - \$3 MM

Regenerative Medicine Minnesota Grants

Deadline: Anticipated October, 2018

Description: Applicants should be performing scientific and/or medical research in Minnesota. PI's can be at any professional rank. RMM seeks research projects that focus on optimizing the body's own ability to heal. Relevant fields include cell and developmental biology, regenerative pharmacology and immunology, medicine and surgery, biotechnology, bioengineering, genetics, and other fields that develop ways to replace, restore, or regenerate damaged or malfunctioning cells, tissues, and organs to help people return to better health. RMM has interest in broadening the portfolio of research that can help relieve chronic disorders that strongly impact patients and health care costs in MN, for example, kidney disease requiring dialysis, COPD, and diabetic and other non-healing wounds.

Funding: \$250,000 (\$125,000 per year for 2 years)

NIH

R01 NIH Research Project Grant Program

Deadline: October 5, 2018

Description: The R01 is the original and oldest grant mechanism used by NIH, it provides support for health-related research and development based on the mission of the NIH. R01s can be investigator-initiated or can be solicited via a Request for Applications. The R01 research plan proposed by the applicant must be related to the stated program interests of one or more of the NIH Institutes and Centers based on their missions. The R01 is an award made to support a discrete, specified, circumscribed project to be performed by the named investigator(s) in an area representing the investigator's specific interest and competencies, based on the mission of the NIH.

Funding: Determined by FOA

NIH

K08/K23 Mentored NIH Career Development Award

Deadline: October 12, 2018

Description: The purpose of this program is to prepare clinically trained individuals for careers that have a significant impact on the health-related research needs. This program provides support and protected time for an intensive, supervised research career development experience in the fields of biomedical, behavioral, or clinical research, including translational research.

Funding: Determined by FOA

NIH

R21 Exploratory/Developmental Research Grant Award

Deadline: October 16, 2018

Description: Intended to encourage exploratory/developmental research by providing support for the early and conceptual stages of project development. The NIH has standardized the Exploratory/Developmental R21 application characteristics, requirements, preparation, and review procedures in order to accommodate investigator-initiated (unsolicited) grant applications.

Funding: Determined by FOA

NIH

Small Research Grant Program (Parent R03 Clinical Trial Not Allowed)

Deadline: October 16, 2018

Description: Supports small research projects that can be carried out in a short period of time with limited resources. The NIH has standardized the R03 application characteristics, requirements, and review procedures in order to accommodate investigator-initiated (unsolicited) applications.

Funding: \$100,000 (\$50,000 per year for 2 years)

Department of Defense

Gulf War Illness Research Program (GWIRP)

Deadline: November 8, 2018

Description: Clinical Trial Award: Supports the rapid implementation of clinical trials with the potential to have a significant impact on GWI. Clinical trials may be designed to evaluate promising new products, pharmacologic agents (drugs or biologics), devices, clinical guidance, and/or emerging approaches and technologies. Health outcomes of interest should include improvements in overall functional status or in symptom complexes (e.g., cognitive function, musculoskeletal/pain symptoms, gastrointestinal symptoms, fatigue, respiratory problems, skin abnormalities, sleep difficulties, and others). Proposed projects may range from small proof-of concept trials (e.g., pilot, first in human, Phase 0) to demonstrate feasibility or inform the design of more advanced trials, through large-scale trials to determine efficacy in GWI Veteran populations. For applications proposing initial evaluation of a treatment or intervention in smaller, early phase or pilot clinical trials, innovation is an important component and therefore preliminary data are not required. Application may demonstrate innovation not only by investigating a novel therapeutic approach for GWI, but also by studying a treatment that may have been utilized for other chronic multi-symptom illnesses, but has not yet been studied in Veterans with GWI.

Funding: \$1,000,000 (\$1,016,000 w/ Biorepository Contribution Option)

Department of Defense

Gulf War Illness Research Program (GWIRP)

Deadline: November 8, 2018

Description: Investigator-Initiated Focused Research Award: The GWIRP IIFRA supports research to promote new ideas or continued development of applied research in GWI that is aimed at diagnosis or therapeutic advancement. Applications must articulate the pathway to making a clinical impact for Veterans with GWI even if a clinical impact is not an immediate outcome. All applications must focus on Veterans of the 1990-1991 Gulf War affected by GWI. It is the responsibility of the PI to clearly and explicitly articulate the project's potential impact on GWI.

Funding: Tier 1: \$250,000 Tier 2: \$700,000 (Add \$16,000 w/ Biorepository Contribution)

Department of Defense

Gulf War Illness Research Program (GWIRP)

Deadline: November 8, 2018

Description: Qualitative Research Award: Supports qualitative research studies that seek to understand the experiences, perceptions, barriers, and beliefs of Veterans suffering from GWI and those responsible for their care. Observations that drive a research idea may be derived from basic discovery, population-based studies, a clinician's firsthand knowledge of patients, or anecdotal data.

Funding: \$450,000

The Gerber Foundation

Novice Researcher Program

Deadline: *Concept Paper:* November 15; *Proposal:* February 15

Description: Provides small grants for new researchers focused on infant/early childhood health and nutrition. Eligibility: MDs, PhDs, in a residency or fellowship training program-no more than 1 year post training who have not received an NIH K Award. Projects are conducted under a mentor

Funding: \$20,000

NIH

R21 Exploratory/Developmental Research Grant Award

Deadline:

Description: Intended to encourage exploratory/developmental research by providing support for the early and conceptual stages of project development. NIH has standardized the R21 application characteristics, requirements, preparation, and review procedures in order to accommodate investigator-initiated (unsolicited) grant applications. The FOA for investigator-initiated R21 applications can be found at PA-16-161 and articulates the policies and procedures that apply to this grant mechanism.

Funding: Determined by FOA

Broad Medical Research Program

Deadline: No deadline

Description: There is a two-step process for requesting funding from the Broad Medical Research Program for Inflammatory Bowel Disease: The first step is to submit a Letter of Interest. If the BMRP is interested in pursuing a project, an invitation is extended to submit. Grants are available for proposals that will lead to improvements in the prevention, diagnosis or therapy of Crohn's disease or ulcerative colitis. Soliciting proposals in two areas of research: Differences in IBD incidence between developing and developed countries. The BMRP is funding research into the possible reasons for low and high incidence of IBD in different areas of the globe. Proposals should be exploratory in nature or designed as pilot. Shed light on factors that may influence low versus high global areas of prevalence of the disease and should ultimately be helpful in improved understanding of the etiology of IBD and the factors that enhance or prevent the genesis of the disease. IBD and Diabetes Mellitus. Interested in early stage exploratory innovative proposals to investigate the similarities and differences between inflammatory bowel diseases and diabetes mellitus.

Funding: Not limited

Department of Defense**USAMRMC FY18-FY22 Broad Agency Announcement for Extramural Medical Research**

Deadline: Open October 2017-September 30, 2022

Description: W81XWH18SBAA1: USAMRMC mission is to provide solutions to medical problems of importance to the American Service member at home and abroad, as well as to the general public at large. The scope of the effort and the priorities attached to specific projects are influenced by changes in military and civilian medical science and technology, operational requirements, military threat assessments, and national defense strategies. Extramural research and development programs play a vital role in the fulfillment of the objectives established by the USAMRMC. General information on the USAMRMC can be obtained at <http://mrmc.amedd.army.mil/>. BAA is intended to solicit extramural research and development ideas as implemented in Federal Acquisition Regulation (FAR) 6.102(d)(2) projects funded under the BAA must be for basic and applied research to support scientific study and experimentation directed towards advancing the state of the art or increasing knowledge or understanding rather than focusing on development of a specific system or hardware solution. R & D funded through the BAA are intended & expected to benefit and inform both military and civilian medical practice and knowledge

Funding: Unannounced

Genentech Foundation**Scientific Project Support Fellowships**

Deadline: Unavailable

Description: Supporting programs open to a broad audience that benefit patients, the scientific or medical community, and/or public health providing funding for general research, translational research, other research or development projects, and/or other initiatives of research organizations, labs, and academic institutions. Collaborations, clinical trials and associated correlative research involving or undertaken in relation to Genentech or Roche products (whether investigational and/or approved for other uses) are excluded from this type of support. Genentech may consider an international program if the majority is U.S. physicians and the organization requesting the funding is located in the U.S.

Funding: Request Funding

The Mayday Fund**Research Bench to Bedside**

Deadline: No deadline

Description: The fund is interested in projects that result in clinical interventions to reduce the toll of physical pain, pediatric pain, pain in non-verbal populations, and pain in the context of emergency medicine. Seek projects that hold the promise of innovative clinical applications. We look to seed translational research to expand the scope and reach of pain treatments.

Funding: Recent grants range from \$10,000-\$450,000

Immune Tolerance Network**Clinical Trials in Immune Tolerance**

Deadline: No deadline

Description: Accepts Concept Proposals year-round for clinical trials with testable hypotheses that are designed to induce immune tolerance in allergy and asthma, autoimmune disease, transplantation and type 1 diabetes. Accepts proposals for the development of novel tolerance assays or mechanistic studies for the purposes of establishing surrogate biomarkers of immune tolerance and investigating mechanisms of clinical tolerance.
Funding: Not limited

Social/Societal Funding Opportunities

Disparities/Diversity

NIH Centers for Disease Control and Prevention – ERA

Health Promotion and Disease Prevention Research Centers

Deadline: June 25, 2018

Description: RFA-DP-19-001: Funding for academic research centers to participate in the network of Health Promotion and Disease Prevention Research Centers to establish and maintain a multi-disciplinary prevention research center that conducts high-quality applied health promotion and disease prevention research; Conduct one (1) applied public health prevention project (Core Research Project) using a community engagement approach to address a major cause of disease, disability, injury, or death in a population experiencing health disparities; Disseminate findings to community, practice, and academic audiences; Translate interventions for sustainability and widespread scale-up; and Serve as a resource, as part of the PRC Network, for developing, implementing, evaluating, disseminating, and translating evidence-based public health interventions.

Funding: \$750,000

William T. Grant Foundation

William T. Grant Scholars Program

Deadline: July 5, 2018

Description: Supports research and mentoring plans that expand junior researchers' expertise in new disciplines, methods, and content areas. Includes a mentoring component and an emphasis on community and collaboration. Two focus areas: programs, policies, and practices that reduce inequality in youth outcomes, and strategies to improve the use of research evidence in ways that benefit youth.

Funding: \$350,000 (over 5 years)

NIH, HHS

Extramural Loan Repayment Program for Health Disparities Research (LRP-HDR)

Deadline: Anticipated November 15, 2018

Description: Each of the extramural LRPs provide for the repayment of educational loan debt of up to \$35,000 annually for qualified health professionals performing research within the mission of NIH at domestic, nonprofit, or government entities. The objective of the LRP-HDR is to recruit and retain highly qualified health professionals into research careers that focus on minority health disparities or other health disparities. The Program serves as an avenue for NIH and the National Institute on Minority Health and Health Disparities (NIMHD) to engage and promote the development of research and research programs that reflect the variety of issues and problems associated with disparities in health status. This requirement highlights the need for the involvement of a cadre of culturally competent health professionals in minority health disparities and other health disparities research. Research focused on diseases or conditions more prevalent or associated with greater morbidity/mortality in one or more minority health disparity or other health disparity population, without the proposed work itself being focused on improving minority health disparities or other health disparities, is not considered health disparities research. Health Disparity Populations are determined by the Director of NIMHD, after consultation with the Director of the Agency for Healthcare Research and Quality, and are defined as populations where there is significant disparity in the overall rate of disease incidence, prevalence, morbidity, mortality, or survival rates in the population as compared to the health status of the general population. The following populations have been designated as health disparity populations: Blacks/African Americans, Hispanics/Latinos, American Indians/Alaska Natives, Asian Americans, Native Hawaiians and other Pacific Islanders, socioeconomically disadvantaged populations, underserved rural populations, and sexual and gender minorities. Health Disparities Research means basic, clinical, social, or behavioral research on health disparity populations (including individual members and communities of such populations) that relates to

health disparities, including the causes of such disparities and methods to prevent, diagnose, and treat such disparities. Minority Health Disparities Research is defined as basic, clinical, or behavioral research on minority health conditions, including research to prevent, diagnose, and treat such conditions. Minority Health Conditions means all diseases, disorders, and other conditions (including mental health and substance abuse) that are unique to, more serious, or more prevalent in members of minority groups (racial or ethnic minority groups), for which the medical risk or types of medical intervention may be different for members of minority groups, or for which it is unknown whether such factors or types are different for such individuals, or research involving such populations as subjects or data on such individuals is insufficient.

Funding: Up to \$35,000 annually of a researcher's qualified educational debt in return for a commitment to engage in NIH mission-relevant research at a domestic, nonprofit, or government entity.

Women

American Medical Association

Joan F. Giambalvo Fund for the Advancement of Women

Deadline: July 31, 2018

Description: The American Medical Association (AMA) Foundation in association with the AMA Women Physicians Section (WPS) has established the Joan F. Giambalvo Fund for the Advancement of Women with the goal of promoting women in the medical profession and strengthening the ability of the AMA to identify and address the needs of women physicians and medical students. **Eligibility:** The PI or the co-principal investigator listed on the Giambalvo application must be a medical student or a physician (MD or DO). Students who are pursuing a MD or DO and are enrolled in accredited medical schools in the US.

Applicants/awardees shall be working alone or collaboratively on the specific research project. AMA membership is not required in order to be eligible for this award. Proposals will be evaluated and awardee(s) selected based on a variety of factors, including, but not limited to: the innovation, quality and/or feasibility of the idea; project/research methodology; potential to produce action, change or more comprehensive studies; and career goals of the applicant. The recipient may request that the AMA Foundation issue the award funds to his/her employer or affiliated organization so long as the funds are used for the recipient's research project.

Funding: \$10,000

Thoracic Surgery Foundation (TSF)

Nina Starr Braunwald Research Award

Deadline: September 15, 2018

Description: Nina Starr Braunwald, MD was the first woman to conduct open heart surgery. This award provides operational support of original research efforts by women cardiac surgeons who have completed formal training, and are seeking initial support and recognition for their research program. Awards are made to support the work of an early-career woman cardiac surgeon.

Funding: \$80,000 (\$40,000 per year for up to two years)

Thoracic Surgery Foundation (TSF)

Nina Starr Braunwald Research Fellowship Award

Deadline: September 15, 2018

Description: Designed to provide salary and/or direct experimental support for **women cardiac surgical trainees** who wish to acquire investigational skills. A specific research program is required as the major component of the application, emphasis in making the award is placed on the potential of the applicant, based on prior accomplishments, and the quality of the educational experience for the applicant. Particular emphasis is on evidence of supervisory interaction in preparation of the application, the extent to which research training and a productive educational experience is convincingly described, and the training environment. Additional criteria include the probability of successful project completion and an assessment of the importance of the particular educational effort toward the advancement of cardiac surgery.

Funding: \$60,000 (\$30,000 per year for up to two years)

Alpha Phi Foundation

Deadline: Anticipated November 1, 2018

Description: Through its annual Heart to Heart Grant, the Foundation helps fund research and educational programs that support the *improvement of women's heart health*.

Funding: \$100,000

American Association of University Women Education Foundation (AAUW)

American Postdoctoral Research Leave Fellowships

Deadline: Anticipated November 15, 2018

Description: Designed to assist scholars in obtaining tenure and other promotions by enabling them to spend a year pursuing independent research. The primary purpose of the fellowship is to increase the number of women in tenure-track faculty positions and to promote equality for women in higher education. This fellowship is designed to assist the candidate in obtaining tenure and further promotions by enabling her to spend a year pursuing independent research.

Funding: \$30,000

American Society of Nephrology (ASN)

Ben J. Lipps Research Fellowship Program

Deadline: Anticipated December 6, 2018

Description: To fund nephrology fellows to conduct original, meritorious research projects. This program will foster the training of fellows, under the direction of a sponsor, who are highly motivated to make contributions to the understanding of kidney biology and disease. Fellows may submit a proposal that examines any aspect of the entire spectrum of kidney biology and disease. To apply for a Research Fellowship, a candidate:

1. Must hold an MD, DO, PhD, or the equivalent degree.
2. May not have completed more than three years of research training after the completion of the MD or DO degree or equivalent, or 18 months of postdoctoral research training after the PhD degree at the time of the award activation (July 1, 2018).
3. Cannot have or have had at any time a nephrology-related or basic science faculty position at any academic institution.
4. Must complete research under the direction and mentorship of a sponsor.
5. Must be a member of ASN (Fellow/Trainee membership-type) at the time of the fellowship application. The sponsor of the candidate must also be an ASN member at the time of the fellowship application.
6. Cannot hold another full fellowship award such as another foundation fellowship or grant or a post-doctoral research fellowship from the National Institutes of Health. However, a candidate's institutions may supplement the support provided by ASN.
7. Must be working in North or Central America during the fellowship period.
8. Must commit a minimum of 75 percent time to research during the fellowship period.

Funding: \$50,000 - \$100,000

Outcomes Research/PCORI/Improved Patient Care

Patient-Centered Outcomes Research Institute (PCORI)

Research Award

Deadline: September 25, 2018; *LOI:* June 28, 2018

Description: Aims to fund studies that address high-priority methodological gaps in patient-centered outcomes research (PCOR) PCOR and Comparative Clinical Effectiveness Research (CER) Studies that compare outcomes to determine the effectiveness, including risks and benefits, of two or more approaches to health care CER Methods and Infrastructure. Studies to improve the methods available for patient-centered CER. Development of a large, highly representative electronic-data infrastructure, called PCORnet, for improving the conduct of patient-centered CER.

Funding: \$750,000 (over three years)

Patient-Centered Outcomes Research Institute (PCORI)**Research Dissemination and Implementation Award**

Deadline: September 25, 2018; *LOI:* June 28, 2018

Description: Implementation of Effective Shared Decision Making Approaches in Practice Settings - Cycle 2 2018

Funding: \$1,500,000

Association of American Medical Colleges (AAMC)**AQA Edward D. Harris Professionalism Award**

Deadline: October 1, 2018

Description: To recognize best practices in medical professionalism education. Alpha Omega Alpha is seeking nominations for ongoing programs in medical schools that represent best practices in the teaching and learning of medical professionalism. Individuals or teams may apply. Programs should include medical students, residents, faculty, and other health care team members and show evidence of effectiveness, sustainability; and be exportable to other medical institutions.

Funding: \$10,000

Patient-Centered Outcomes Research Institute (PCORI)**Addressing Disparities**

Deadline: October 31, 2018 Letter of Intent Due. February 6 2019 Application Due

Description: PCORI seeks to fund studies that provide evidence to help guide decisions about how to eliminate disparities in health and health care, as well as how to ensure that people receive care according to their needs and have the opportunity to achieve the best possible health outcomes. PCORI invites applications for clinical comparative effectiveness research (CER) designed to evaluate and compare interventions intended to reduce or eliminate disparities in health and health care. Patients, caregivers, and clinicians often lack the appropriate evidence required to make the best choices regarding prevention, screening, diagnosis, monitoring, or treatment. Applications to the Addressing Disparities Program should focus on overcoming barriers that may disproportionately affect health outcomes or focus on identifying best practices for reducing disparities in target populations (racial and ethnic minority groups; low-income groups; residents of rural areas; individuals with special healthcare needs, including individuals with disabilities; patients with low health literacy/numeracy and/or limited English proficiency; and lesbian, gay, bisexual, and transgender [LGBT] persons).

The health disparities literature has been devoted to describing disparities, including identifying their potential sources and drivers. Previous research has identified pervasive disparities in access to high-quality health care and worse health outcomes for specific populations across multiple conditions and settings, outcomes that are based on race/ethnicity, gender, geographic location, socioeconomic status, disability, and other factors. PCORI's Addressing Disparities Program is seeking applications that compare evidence-based interventions to improve health outcomes and reduce disparities for target populations. The Program is interested in funding CER of evidence-based interventions aimed at reducing and eliminating disparities in health and health care. Interventions to reduce persistent disparities have been understudied and are multifactorial, complex, and context-specific. Often, evidence-based interventions have been shown to be effective in the general population but lack evidence for effectiveness in populations at risk for disparities. The Program is interested in studies that tailor and test these types of interventions in these populations and seeks to fund investigator-initiated research that:

- Compares evidence-based interventions to reduce or eliminate disparities in patient-centered outcomes (PCOs), including health, health care, and patient-reported outcomes--e.g., by accounting for possible differences at the patient, provider, or systems level, we are interested in research to determine which interventions can be most effective for eliminating disparities in outcomes
- Compares benefits and risks of treatment, diagnostic, prevention, or service options, with a focus on eliminating disparities
- Compares and identifies practices for tailoring evidence-based interventions to patient populations at risk for disparities

Funding: Total Direct Costs \$2 million (small studies) or \$5 million (large studies) Funds Available Up To \$8 million Maximum Project Period 3 years (small studies) or 4 years (large studies)

Robert Wood Johnson Foundation

Evidence for Action: Investigator-Initiated Research to Build a Culture of Health

Deadline: No Deadline

Description: Evidence for Action (E4A), a national program of the Robert Wood Johnson Foundation, funds research that expands the evidence base needed to build a Culture of Health. Supports quantitative, qualitative, and mixed methods research that yields convincing findings regarding the population health, well-being, and equity impacts of specific policies, programs and partnerships. We are especially interested in research examining the health impacts of programmatic or policy interventions that address factors outside the domain of health care services or public health practice.

Funding: Request the amount needed to for your project Grant periods up to 36 months.

Genentech Foundation (A member of the Roche Group)

Scientific Project Support Fellowships

Deadline: Not Available

Description: Supporting programs open to a broad audience that benefit patients, the scientific or medical community, and/or public health providing funding for general research, translational research, other research or development projects, and/or other initiatives of research organizations, labs, and academic institutions. Collaborations, clinical trials and associated correlative research involving or undertaken in relation to Genentech or Roche products (whether investigational and/or approved for other uses) are excluded from this type of support.

Funding: Request Funding

Merck

Perioperative Care -- Investigator Studies Program (MISP)

Deadline: *Full Protocol Submission w/ Budget:* January 1, March 1, May 1, July 2, September 4

Corresponding Final Protocol Submissions: Feb 16, April 13, June 15, August 17, October 19

Description: The Investigator Studies Program aims to advance science and improve patient care by supporting, through the provision of drug/vaccine and/or total/partial funding, high-quality research that is initiated, designed, implemented and sponsored by external investigators. Results will be generated and properly disseminated in peer-reviewed publications. 5 review cycles in 2018.

Funding: Not Provided

Education

Surgical Education

Association for Academic Surgery

AAS/AASF Global Surgery Research Fellowship Award

Deadline: August 6, 2018

Description: For residents and fellows engaged in global health surgical research interested in advancing Global Surgery through research, including proposals aimed at further defining or reducing the global burden of surgical disease (on a community, institutional or regional basis); proposals aimed at defining existing human and material resources available for surgical care in LMIC; proposals outlining the ability of surgical treatment to prevent death/disability in resource-poor settings; aimed at identifying strategies for instituting/improving surgical care or capacity in resource-poor settings; proposals aimed at preventative interventions for surgical disease; and/or aimed at advancing surgical education or manpower in areas of limited resources. Identification and definable participation of local/on-site partners in the collaborating country is required. Must be a candidate or active AAS member, residents or fellows, currently enrolled in an accredited training program and have completed two years of postgrad training in a surgical discipline.

Funding: \$20,000

Medical & Research Education

University of Minnesota Department of Family Medicine and Community Health

Cancer Related Health Disparities Training Program

Deadline: December 16, 2018

Description: The Program seeks to train researchers who are prepared to conduct community-engaged research to develop, test, and disseminate interventions in both clinical and community settings to reduce cancer-related health disparities among underresourced populations and intends to enhance the diversity of the research workforce in this area of study by specifically recruiting individuals from underrepresented or underresourced populations. The program is innovative in focusing on education and experience in community-engaged research and on interventions to reduce cancer disparities. It's also innovative in mentorship, in which community members provide cultural mentoring and partnership in all aspects of research. This T32 Program is a joint effort between the University of Minnesota Medical School and School of Public Health. It's funded by the National Cancer Institute, Grant T32 CA163184.

Funding: Three postdoctoral positions available for two-year appointments. Stipends are based on current NIH-approved levels and years of postdoctoral experience. There is also support for conference travel and other training experiences.

Spencer Foundation

Small Research Grants

Deadline: August 1 and November 1, 2018

Description: Aims to fund academic work that will contribute to the improvement of education, broadly conceived.

Grant funding has spanned, a range of topics and disciplines, including education, psychology, sociology, economics, history, and anthropology, and they employ a wide range of research methods.

Funding: \$50,000

The Society for Academic Emergency Medicine Foundation

Education Project Grant

Deadline: August 1, 2018

Description: Strives to foster innovation in teaching, education, and educational research in emergency medicine for faculty-, fellow-, resident- and medical student-level learners. The mission of the grant is to provide support for a medical education research project. The education project grant is expected to: Be novel, innovative, measurable and reproducible. Whenever possible and applicable, the project's value should be compared to an existing "gold standard" educational measurement. If no clear "gold standard" exists, the measurement of its value should be an objective clinically or educationally relevant outcome. Projects may have qualitative and/or quantitative measurement components. Provide a product that can be used by educators within SAEM and emergency medicine. Be relevant to the practice of emergency medicine. Address teaching and education in emergency medicine. Applicant must be a member of SAEM in good standing at application deadline.

Funding: Up to \$20,000 per year

NIH

NINDS Research Education Opportunities

Deadline: August 27, 2018

Description: PAR-18-782: To encourage applications for the initiation or continuation of nationally-available neuroscience research education programs that will significantly advance the mission of NINDS. The primary focus of programs submitted should be on intensive hands-on experience that will provide research experience, an in depth understanding of techniques and analytic approaches and expertise that is only possible with a nationally-organized program. Within the context of gaining expertise primarily through hands-on experience, programs may include immersive coursework and expert discussion when appropriate. Programs appropriate for this FOA must include participants from a nationally recruited cohort, selected through an application process by a well-balanced leadership committee.

Funding: \$250,000

Deadline: September 25, 2018

Description: PAR-17-209: Supports research education activities to support educational activities that enhance the diversity of the biomedical research workforce. Supports creative educational activities with a primary focus on Courses for Skills Development and Research Experiences. The Bridges to Doctorate Program is to provide educational activities to Master's level students to increase transition to and completion of Ph.D.'s in biomedical sciences. Application must include each educational activity, and describe how they will be synergized to make a comprehensive program. Program requires partnerships between master's degree-granting institutions with doctorate degree-granting institutions.

Funding: Application budgets are limited to \$300,000 direct costs per year

Regenerative Medicine Minnesota Grants

Discovery Science Grant

Deadline: Anticipated October 2018

Description: Applicants should be performing scientific and/or medical research in Minnesota. PI's can be at any professional rank. RMM seeks a diverse portfolio of research projects that focus on optimizing the body's own ability to heal. Relevant fields include cell and developmental biology, regenerative pharmacology and immunology, medicine and surgery, biotechnology, bioengineering, genetics, and other fields that develop ways to replace, restore, or regenerate damaged or malfunctioning cells, tissues, and organs to help people return to better health. RMM has interest in broadening the portfolio of research that can help relieve chronic disorders that strongly impact patients and health care costs in MN, for example, kidney disease requiring dialysis, COPD, and diabetic and other non-healing wounds.

Funding: \$250,000 (\$125,000 per year for 2 years)

The Spencer Foundation

Lyle Spencer Research Awards

Deadline: Anticipated October 1, 2018

Description: Encourages proposals initiated by scholars across a variety of disciplines and fields in an effort to create much-needed space for creative and ambitious research projects that promise to advance our understanding of educational practice and its improvement. Aims to reinforce our commitment to intellectually ambitious research, oriented ultimately to improving the practice of education, and independent of any particular reform agendas or methodological strictures. We intend to encourage work that is more thoughtful, more critical of prevailing assumptions, more self-critical about their work and its limitations, and more relevant to the aim of building knowledge for improved educational practice.

Funding: \$100,000- \$1,000,000

Association of American Medical Colleges (AAMC)

AQA Edward D. Harris Professionalism Award

Deadline: October 1, 2018

Description: Alpha Omega Alpha is seeking nominations for ongoing programs in medical schools that represent best practices in the teaching and learning of medical professionalism. Individuals or teams may apply. Programs should include medical students, residents, faculty, and other health care team members; Show evidence of effectiveness, sustainability; and be exportable to other medical institutions

Funding: \$10,000

Burroughs Wellcome Fund (BWF)

Career Awards for Medical Scientists (CAMS)

Deadline: October 5, 2018

Description: Facilitates transition from a mentored position to independence for the early career physician scientist, supporting biomedical, disease-oriented, or translational research. Eligible candidates hold MD degrees; are no more than 12 years beyond receipt of their most recently earned clinical doctorate degree; must be at the rank of fellow, resident, or postdoctoral researcher with at least two years of postdoc research at time of application. Ideal candidates will be first author on at least one publication, and will have a significant publication record

Funding: \$700,000 over five years

Spencer Foundation

Small Research Grants

Deadline: November 1, 2018

Description: Aims to fund academic work that will contribute to the improvement of education, broadly conceived.

Grant funding has spanned, a range of topics and disciplines, including education, psychology, sociology, economics, history, and anthropology, and they employ a wide range of research methods.

Funding: \$50,000

Bayer Educational Grant

Bayer Educational Grant

Deadline: Anticipated November 1, 2018

Description: Bayer HealthCare will accept the following grant requests on medical and healthcare related educational activities: Healthcare professional education, Patient advocacy and consumer education programs (e.g., disease-state education and awareness, screenings, camps, etc.) Considers factors including: Promotes excellence in patient care, Conducive to an effective and efficient meeting format, Ability to educate the broadest healthcare professional and/or audience at reasonable cost.

Funding: Unannounced

Global Education

Paul Farmer Global Surgery Research Fellowship

Deadline: Summer of 2018

Description: Research Fellowship Application begins accepting applications for the 2019-2021 Research Fellowship in the summer of 2018. The purpose of the Fellowship is to train leaders who will further promote surgical care, education, and research in the field of global surgery in resource poor settings around the world. Fellows will also develop academic, clinical, and administrative skills in global surgery, public health, surgical systems development, and humanitarian aid. The hallmark and priority of this program is to provide Fellows the opportunity to learn the research and business management skills necessary to develop and manage surgical care delivery and research in low and middle income countries. The main focus of the Paul Farmer Global Surgery Fellowship curriculum revolves around education, research, and the provision of surgical care. Fellows are expected to work collaboratively and participate in the education and training of other residents and medical students as part of the Global Surgery Team. [Research Fellow Description](#)

Paul Farmer Global Surgery Fellowship Visiting Graduate Student

Deadline: Summer 2018

Description: Visiting Graduate Student Application begins accepting applications for the 2019-2020 Visiting Graduate Student track in the summer of 2018. Addressing the burden of surgical disease across the globe through a combination of surgical training, research, and advocacy efforts that focus on the needs of low- and middle-income countries. Current efforts include building surgical and research capacity with our international collaborators in Haiti, Sub-Saharan Africa, India, the Middle East, and South America. We work closely with Partners in Health and local sister organizations to study and address global surgery needs. Global Surgery Visiting Graduate Students will be appointed for a period of one year within the fellowship program. Graduate Students must be internally motivated, dedicated, possess experience working in multidisciplinary teams, have the capacity to communicate with internal and external collaborators, and be flexible. The Graduate Student will work with surgical residents, fellows and faculty conducting global surgery research, advocacy, and capacity building projects. He or she must be willing to travel internationally to aid in these processes. Learning opportunities include an introduction to global health and global surgery, as well as research and public health experience. [Visiting Graduate Student Description](#)

Independent Medical Education

Ethicon

Education Grant Reference Guide

Description: Ethicon provides education grants to support third-party medical education programs for U.S.-Based Health Care Professionals and Entities (HCPEs), this includes accredited and non-accredited programs that relate to disease states, conditions, and treatments relevant to company interests. Grants may be monetary, product in kind, or both. Each request is individually evaluated for compliance with education grant criteria, available budget and mission.

Novartis

Description: Novartis Office of Grants and Education (NOGE) and the Novartis Oncology Office of Grants and Education (OGE) supports high quality educational programs for healthcare professionals that will improve patient care and which are fully compliant with all legal, regulatory and Novartis guidelines. Consistent with Federal Law and ethical standards under which Novartis Pharmaceuticals Corporation conducts business, grants must never be linked to prescribing, purchasing, formulary status or reimbursement. Any grant requests for activities taking place within the U.S., or including U.S.HCPs as participants must be submitted to NOGE/OGE for review and consideration. As a commitment to improving patient care, NOGE and OGE will evaluate educational grant requests that are independent of commercial bias and non-promotional in nature. Educational grants can be requested to support live events, web-based education, or enduring medical educational material. NOGE and OGE will accept grant requests for professional medical education programs from Academic medical centers, medical universities NOGE will evaluate grant requests for support of Research Fellowships(for Residents and Fellows) submitted by professional medical associations/societies and medical institutions. Fellowship award recipients should not have already been chosen. Oncology (OGE) will accept requests for funding of Professional Medical Sponsorships which include fellowships, research or merit awards, non-educational closed research meetings, and professional society membership dues. Components of a Complete Grant Request (General Criteria for Grants)
Request is submitted at least 60 days prior to program start date

Pfizer

Application Periods & Clinical Areas of Interest

Description: For purposes of Pfizer's funding of external, independent, not-for-profit organizations, programs eligible for Healthcare Charitable Contributions are limited to the following: 1) patient education, including health screening; 2) patient advocacy for disease awareness, and 3) patient access to care (e.g., transportation costs). Requests for healthcare charitable contributions must be submitted according to the quarterly schedule noted below:

Application Cycle: Mar 1, 2018 - April 15, 2018; June 1, 2018 - July 15, 2018; September 1, 2018 - September 30, 2018

Bristol-Myers Squibb.

Guidelines - Monitor for current RFP's

Description: To advance excellence in global healthcare through expertise in medical education and strategic support of evidence-based educational activities in Bristol-Myers Squibb disease areas of focus that measure improvements in professional competence, performance, and patient outcomes. Accepts applications from organizations with a health-related public mission and/or patient focus, hospitals or other similar healthcare facilities, community health centers, medical or other professional societies
RFPs will be published throughout the year.

Teleflex

Research Grant and Support Request Form

Description: Teleflex is committed to supporting educational endeavors that are consistent with our mission to improve health outcomes. Medical education grants for the following categories: Continuing Medical Education programs presented by accredited providers, Education programs for Health Care Professionals, Medical Society Sponsored programs. Guidelines for Medical Education Grants: Educational focus, Independence, Balance, Broad Audience.

Astellas Independent Medical Education

Independent Medical Education

Description: Supports two types of grants: Spontaneous Submissions. *Professional continuing medical education, which may or may not integrate patient education that is high-quality, unbiased, evidence-based, and independently developed. *Independent scientific and career development awards administered by national level professional medical associations and organizations. Astellas is accepting applications in the following areas: Cardiology – Medical Imaging, Transplantation/Immunology, Infectious Disease, Fungal and CMV, Oncology, AML and Prostate Cancer, Urology, Over Active Bladder.

Sanofi US

Description: Sanofi US is committed to funding high quality educational activities and materials in the therapeutic areas of interest to the company that have the potential to improve patient care and health outcomes. The purpose of an educational grant is to support an activity that encourages an educational interchange with respect to available scientific and medical information. Educational activities may or may not be accredited. Grants may be given for live educational activities, as well as educational publications and other types of enduring materials, provided that the activities or materials are advertised and open to a broad audience beyond members of the requesting institution. Fellowships or career development awards may be considered in limited circumstances.

INSMED

Download Call for Grants

Description: To support local and regional independent education by receiving grant requests that align with the specifications outlined below. Therapeutic Area: Non-Cystic Fibrosis Nontuberculous Mycobacterial Lung Disease: Educational format & scope CME/CE accredited local and regional activities organized by hospitals, academic medical centers, or medical societies/chapters. Accepted on an ongoing basis. A maximum of \$50,000 will be considered per request. Submission of grant requests with multiple sources of funding support is encouraged. Intended audience: Education should address the needs of clinicians who have a role in the diagnosis and treatment of patients with NTM-LD, including pulmonologists and infectious disease specialists. Focus Area: Education Activities associated with Medical Society Conferences

AmGen

Independent Medical Education

Description: Amgen supports IME, which is a professional education given by accredited medical education providers who design and implement programs totally independent of any Amgen influence, as defined by standards such as the Accreditation Council for Continuing Medical Education ("ACCME") guidelines, the FDA's Guidance: Industry Supported Scientific and Educational Activities, and the PhRMA Code. Funding requests including for live presentations, written enduring materials, online courses, and conference symposia from organizations (e.g. hospitals, universities, societies, medical-education vendors) will be reviewed and assessed in conjunction with Amgen's goal to help physicians and other healthcare professionals to obtain information and insights that contribute to the improvement of patient care and the advancement of medicine.

[Link to online application](#)

DePuy Education Grants

Fellowships [\[Click here to apply for grant\]](#)

Description: Supports educational programs such as continuing medical education (CME) events hosted by accredited providers, non-CME events that do not permit "off-label" discussion of DePuy Synthes Companies products, tuition/travel grants for physicians in training (Fellows and residents), grand rounds and journal clubs. Each request is individually evaluated for compliance with education grant criteria, available budget and alignment with the Company's mission. Education grants are not contingent upon the use, purchase, or recommendation of DePuy Synthes Companies products. For a comprehensive review of the education grant request process, please review the DePuy Synthes Companies

Boston Scientific

[\[Click here to submit application\]](#)

Description: Provides financial and product support to third-party educational conferences that further medical and scientific knowledge. We believe that such programs are critical to advancements in the medical community, and we support a wide range of programs. We respect the Standards for Commercial Support of Continuing Medical Education as published by the Accreditation Council for Continuing Medical Education (ACCME) and as such will not seek to control the content or management of third-party programs. Also, our support of a program will not depend on

the program sponsor's selection of particular topics, faculty or attendees. We may provide grants to support the following types of educational programs: Institutional, national, regional or local continuing medical education conferences and professional meetings "Grand rounds" presentations and patient group (Angio Club, Patient Advocacy) meetings Publication or rebroadcast of a conference program (in booklet or pamphlet form, over the Internet, etc.) Educational program grant and exhibit applications should be submitted, reviewed and approved as two separate requests. If your conference or educational event is not accredited by one of the five accreditation organizations listed below, Boston Scientific - like all other pharmaceutical, biologics and medical device companies - is required to collect from you, and report under the U.S. Physician Payment Sunshine Act, the amount of Boston Scientific funds your organization pays to U.S. physicians serving as faculty at your conference, including the identities of those physicians. The five-accreditation organizations are ACCME, American Academy of Family Physicians American Dental Association's Continuing Education Recognition Program, American Medical Association, American Osteopathic Association.

Global Opportunities

American Association for the Surgery of Trauma (AAST)

Research & Education Scholarships

Deadline: February 1, 2018 Annual opportunity

Description: To advance the field of acute care surgery, and improve the care of critically ill surgical patients, by fostering research, education, and professional development in an environment of fellowship and collegiality, the AAST supports young investigators with research scholarships to solicit research applications from early career investigators proposing basic science, translational, or clinical studies to advance trauma, surgical critical care, and emergency general surgery care. Provides funding for early investigators to complete a research project, which will serve as the basis for future grant applications and to launch the applicants' academic careers. Pilot projects, projects seeking exclusively preliminary data, or "proof of concept" projects will only be considered if the applicant provides sound scientific foundation for the proposal. **Projects centered on Global Surgery/Trauma will be considered** if found to be of sufficient merit and are scientifically sound.

Funding: \$50,000

NIH **Planning Grant for Global Infectious Disease Research Training Program (D71) International Research Training Grants**

Deadline: July 26, 2018

Description: PAR-17-058: Encourages applications for a planning grant from institutions in low-and middle-income countries (LMICs) to design a Global Infectious Disease Research Training Program in collaboration with U.S. institutions. The application should propose a collaborative process to design a training program that will strengthen the capacity of the LMIC institution to conduct infectious disease research. Planning grants should describe a vision for a research-training program that focuses on a major endemic or life-threatening emerging infectious disease, neglected tropical disease, infections that frequently occur as a co-infection in HIV infected individuals or infections associated with non-communicable disease conditions of public health importance in LMICs. Companion Funding Opportunity PAR-17-057 D43 International Research Training Grant.

Funding: Limited to \$46,000 Maximum project period is 1 year.

NIH **Global Infectious Disease Research Training Program (D43)**

Deadline: July 26, 2018 and July 25, 2019

Description: Par-17-057: Encourages applications for the Global Infectious Disease Research Training Program from U.S. and low- and middle-income country (LMIC) institutions. Propose a collaborative training program that will strengthen the capacity of an LMIC institution to conduct infectious disease research. FIC will support research-training programs that focus on major endemic or life-threatening emerging infectious diseases, neglected tropical diseases, infections that frequently occur as co-infections in HIV infected individuals or infections associated with non-communicable disease conditions of public health importance in LMICs.

Funding: Limited to \$230,000 per year for new awards. Project period up to 5 years

Association for Academic Surgery**AAS/AASF Global Surgery Research Fellowship Award**

Deadline: August 6, 2018 (Annual opportunity)

Description: For residents and fellows engaged in global health surgical research interested in advancing Global Surgery through research, including proposals aimed at further defining or reducing the global burden of surgical disease (on a community, institutional or regional basis); proposals aimed at defining existing human and material resources available for surgical care in LMIC; proposals outlining the ability of surgical treatment to prevent death/disability in resource-poor settings; aimed at identifying strategies for instituting/improving surgical care or capacity in resource-poor settings; proposals aimed at preventative interventions for surgical disease; and/or aimed at advancing surgical education or manpower in areas of limited resources. Identification and definable participation of local/on-site partners in the collaborating country is required. Must be a candidate or active AAS member, residents or fellows, currently enrolled in an accredited training program and have completed two years of postgrad training in a surgical discipline.

Funding: \$20,000

Thoracic Surgery Foundation (TSF)**International Cardiac Surgical Outreach**

Deadline: September 19, 2018

Description: Supports qualified surgeons who conduct charity work in underserved regions/populations. Provides support for programs that educate, screen and/or treat underserved populations to reduce the global burden of heart valve disease, or to support other programs that advance health care and address underserved populations. It is anticipated this program will lead to treatment of hundreds of patients.

Funding: \$37,500

International Society of Nephrology**ISN-TTS Sister Transplant Center Program**

Deadline: October 1, 2018

Description: A joint partnership set up between ISN & The Transplantation Society (TTS) to create new kidney transplant centers and develop existing kidney transplant programs in emerging countries. This initiative encourages transplant centers to work together to increase opportunities for kidney transplant patients in developing countries. Any two-transplant centers can form a partnership if at least one center is from a LMIC and the centers are chaired/run by an ISN or a TTS member. An experienced transplant center in the developed world lends its support to an emerging transplant center to facilitate vital multidisciplinary training and encourage both centers to exchange their knowledge and expertise.

Funding: Limited budget which cannot be exceeded

American Society of Colon & Rectal Surgeons**International Fellowship Grant**

Deadline: Anticipated November 1, 2018

Description: To provide support to research programs that are focused on diseases of the colon, rectum and anus that will ultimately impact how we treat these patients. This grant will focus on providing support to clinical investigators in the US who would like to participate in research outside the US, including US investigator engagement in global health research projects focused in colorectal surgery [Introduction](#)

Funding: \$50,000 for one year

NIH**Global Brain and Nervous System Disorders Research Across the Lifespan (R01)**

Deadline: November 7, 2018

Description: Encourages applications for the conduct of innovative, collaborative research projects between U.S. and low-and middle-income country (LMIC) scientists, on brain and other nervous system function and disorders throughout life, relevant to LMICs (including neurological, mental, behavioral, alcohol/substance use disorders and spanning the full range of science from basic to implementation research). Scientists in upper middle-income LMICs (UMICs) are eligible to partner with scientists at other LMIC institutions with or without out a US partner. The

collaborative research expect to contribute to long-term goals of building/strengthening sustainable research capacity in LMICs to address nervous system development, function/impairment and lead to diagnostics, prevention, treatment and implementation strategies.

Funding: Not limited (must reflect the actual needs of the proposed project, up to 5 years)

Johnson & Johnson**Global Health Scholars Program**

Deadline: Anticipated December 2018

Description: 6-week international rotation. Rotation sites for 2018-2019: South Africa, Uganda, Rwanda, and Colombia. Career MD or Resident.

Funding: Not Available

NIH**Emerging Global Leader Award (K43)**

Deadline: December 7, 2018

Description: *PAR-17-001:* To provide research support and protected time (three to five years) to an early career research scientist from a LMIC who holds a junior faculty position at an LMIC academic or research institution, as defined by the World Bank. This intensive, mentored research career development experience is expected to lead to an independently funded research career at the LMIC institution or in another LMIC. Invites applications from LMIC scientists from any health-related discipline who propose career development activities and a research project that is relevant to health priorities.

Funding: Up to \$75,000 (75% effort) per year toward recipient salary. Project 3-5 years

Consortium for Affordable Medical Technologies (CAMTech)**The First Mile Innovation Challenge**

Deadline: TBA

Description: To improve health among the most vulnerable in our global community-launched to crowdsource innovations that address clinical/community hardships in global primary care. Seeking innovative ideas within global primary care & innovations focused on improving health in low- and middle -income countries. Technologies with potential global impact, including both low-and middle -income countries as well as high-income countries are eligible.

Funding: \$25,000

Broad Medical Research Program

Deadline: No Deadlines

Description: There is a two-step process for requesting funding from the Broad Medical Research Program for Inflammatory Bowel Disease: The first step is to submit a Letter of Interest. If the BMRP is interested in pursuing a project, an invitation is extended to submit. Grants are available for innovative proposals that will lead to improvements in the prevention, diagnosis or therapy of Crohn's disease or ulcerative colitis. Soliciting proposals in two areas: Differences in IBD incidence between developing and developed countries. The BMRP is funding research into the possible reasons for low and high incidence of IBD in different areas of the globe. Proposals should be exploratory in nature or designed as pilot. Research should shed light on factors that may influence low versus high global areas of prevalence of the disease and should ultimately be helpful in improved understanding of the etiology of IBD and the factors that enhance or prevent the genesis of the disease. IBD and Diabetes Mellitus.

Funding: Unannounced

Medical Mission

Grant funding is available to nonprofit organizations & individuals going on a medical mission. The application process varies among foundations, but typically, the first contact is via letter explaining about the mission and the need.

Foundation for Surgical Technology

Medical Mission Scholarship

Deadline: December 31 [Year of your mission]

Description: Are you a practicing tech and interested in helping others by serving on a medical mission trip? The Foundation for Surgical Technology scholarships provide reimbursement for some of your expenses and help you offset the cost of your trip. To be eligible for a mission scholarship you must:

Be an active member with currency of the Association of Surgical Technologists. Provide a description of your AST membership history, including your join date and any service to or involvement in your professional association. Email official documentation of the mission program to scholarships@ast.org. Be sure to include your name and medical mission in the subject. Provide copies of all receipts documenting the costs, shown in US dollars that you incurred on your trip. Email receipts to scholarships@ast.org. The amount of scholarship funds awarded are determined after the medical mission, based on the documentation provided. Write an article describing your experience for The Surgical Technologist journal. You must submit the 1,000-2,000-word article and related images before you will be reimbursed. CE Credit In addition to the medical mission scholarship, you could earn as many as 10 hours of CE credit toward your CST recertification. You can earn CE credit for a medical mission once per certification cycle, but are only eligible to receive one scholarship. Provides funds to offset trip expenses.

International Medical Corps

Deadline: Continuous

Description: The International Medical Corps provides funding to medical missions that not only provide health care services but also education to health care providers in the selected country. Funds range from \$10,000 to \$25,000. To apply, begin by sending a letter telling them about your program. International Medical Corps 1919 Santa Monica Blvd., Ste. 400 Santa Monica, CA 90404-1950 (310) 826-7800

The AMB Foundation

Deadline: Continuous

Description: The AMB Foundation gives grants for programs serving the medical needs with a special emphasis on South America. The application process begins with a letter describing the area you wish to serve and the services you will provide. AMB Foundation P.O. Box 94717 Phoenix, AZ 85070-4717

Funding: \$2,000 - \$11,000

Amgen Foundation, Inc.

Deadline: Continuous

Description: The Amgen Foundation, Inc. provides funding for medical missions serving the health care needs of people in Europe. To apply for grants ranging from \$9,000 to \$100,000, send complete details about your program and the area it will serve. Amgen Foundation, Inc. 1 Amgen Center Dr., M.S. 28-1-B Thousand Oaks, CA 91320-1799 (805) 447-4056

AIDS Healthcare Foundation

Deadline: Continuous

Description: The AIDS Healthcare Foundation provides grants for medical missions serving the needs of people with HIV or AIDS. Grants range from \$10,000 to \$50,000. To apply begin by sending a letter to the foundation. AIDS Healthcare Foundation 6255 Sunset Blvd., 21st Floor Los Angeles, CA 90028-7422 (323) 860-5200

Deadline: Continuous

Description: Fairview Medical Missions helps send Fairview clinicians, employees, volunteers and retirees to foreign countries to help medically underserved people with health care needs and medicines. Medical mission volunteers often serve from 500 to 2,500 patients during trips lasting from five days to two weeks. Guidelines

To be eligible to receive a grant the applicant must be a:

- Current employee (a minimum of two years of Fairview employment before the mission, working at least 20 hours per week)
- Fairview volunteer (a minimum of two years volunteering at Fairview, with at least 50 hours per year)
- Fairview retiree
- Member of Fairview Physician Associates

Trips must include active participation in a group providing medical treatment or providing medical education programs. Trips for the purpose of personal education, surveys, religious activity or other non-medical activities are not eligible for Fairview Medical Mission funding. Grants may not be used for in-country travel, room and board, taxes, etc.

Trips scheduled Application due:

for:

| | |
|-----------------------|---------|
| January–February | Nov. 1 |
| March–April | Jan. 1 |
| May–June | March 1 |
| July–August | May 1 |
| September– October | July 1 |
| November– December | Sept. 1 |

Mail or fax completed application to: Attn: Medical Missions Worldwide Grants 2849 Johnson St. NE Minneapolis, MN 55418 Fax: 612-706-4550

2019 External Funding Opportunities

Medical & Surgery Research Funding Opportunities

Biomedical/Microbiota/Infectious

American College of Chest Physicians (ACCP) CHEST Foundation

Research Grant in Nontuberculous Mycobacteria Diseases

Deadline: Anticipated April 9, 2019

Description: Applications must advance research in Nontuberculous Mycobacteria Diseases. This grant is supported by Insmmed.

Eligibility: CHEST membership at time of application.

- Applicants must be licensed physicians. Physicians-in-training (residents or fellows), other health-care professionals, or clinical researchers with relevant experience will also be accepted. Although applicants may be at later career stages, special consideration will be given to young investigators and applicants in early stages of their careers.

- Teams are encouraged to apply but must have a representative to serve as the Principal Investigator who will apply as an individual and will receive recognition if awarded.

- IRB approval must be sought/received for all projects to assure protection of subjects.

Funding: \$30,000 (one year)

Osteosynthesis and Trauma Care Foundation

Research Grants Program

Deadline: Anticipated April 15, 2019

Description: The objective of Research Grants is to encourage orthopedic trauma surgeons and basic scientists by providing seed and start-up funding for promising research projects in the field of orthopedic trauma surgery through Grants for a research project extending over a maximum of two years. Both laboratory and clinical projects are suitable, but in either case clinical relevance must be explicitly and clearly described. A trauma or orthopedic surgeon must serve as either the principal or coprincipal investigator. Non-trauma/orthopedic surgeon, M.D.'s, Ph.D.'s or D.V.M.'s may serve as the principal or co-principal investigator, as long as they are affiliated with a trauma/orthopedic department with an orthopedic surgeon as the co-principal investigator. The principal investigator and co-principal investigator as well as their institutions are not eligible to apply for funding as long as a previous grant has not been completed and the final report submitted.

Funding: \$50,000

Biomedical Engineering Society (BMES)

Deadline: May 15, 2019

Description: Annually, BMES recognizes individuals for their accomplishments, significant contributions and service to the Society and the field of biomedical engineering. BMES accepts nominations and applications for the following awards:

1. Robert A. Pritzker Distinguished Lecture Award - is the premier award of the Society given each year to an individual to recognize outstanding achievements and leadership in the science and practice of biomedical engineering.
2. MES Mid-Career Award - is awarded each year to a BMES member in good standing to recognize meritorious achievements and energetic leadership in biomedical engineering. The achievements may be in scholarship, education, mentorship, or practice of biomedical engineering, and must include significant involvement and sustained contributions to BMES.
3. Rita Schaffer Young Investigator Award - is offered to stimulate research careers in biomedical engineering.
4. Diversity Lecture Award - honors an individual, project, organization, or institution for outstanding contributions to improving gender and racial diversity in biomedical engineering.

5. Distinguished Achievement Lecture Award - is awarded each year to an individual, company, charitable foundation, or non-academic institution that has made great contributions to the field of biomedical engineering.
6. Career Development Awards - are available to graduate students, postdoctoral fellows, early career faculty, and early career professionals from underrepresented populations in biomedical engineering or involved in research and training focused on health disparities and minority health in biomedical engineering.

Funding: \$12,000

Burroughs Wellcome Fund

Investigators in the Pathogenesis of Infectious Disease

Deadline: Anticipated 2019

Description: Provides opportunities for *assistant professors* to bring multidisciplinary approaches to the study of human infectious diseases. The goal of the program is to provide opportunities for accomplished investigators still early in their careers to study what happens at the points where the systems of humans and potentially infectious agents connect. The program supports research that sheds light on the fundamentals that affect the outcomes of these encounters: how colonization, infection, commensalism, and other relationships play out at levels ranging from molecular interactions to systemic ones. Microbiome-related proposals must be infectious disease focused to compete well in this program. PATH is a highly competitive award program that provides \$500,000 over a period of five years. The awards are intended to give recipients the freedom and flexibility to pursue new avenues of inquiry, stimulating higher risk research projects that hold potential for significantly advancing understanding of how infectious diseases work and how health is maintained. [Request Pre-Proposal](#)

Funding: \$500,000 (over five years to support)

Cancer/Surgery Oncology

LUNGeivity Foundation

Career Development Awards for Translational Research

Deadline: Anticipated letter of intent February 2019. Full application due (by invitation only) May 2019

Description: LUNGeivity's Career Development Awards for Translational Research program was created to support future research leaders who will keep the field of lung cancer research vibrant with new ideas. Funded projects are expected to have a direct impact on the early detection of lung cancer or on the outcomes of lung cancer, or to provide a clear conceptual or experimental foundation for the future development of methods for early detection and/or individualized treatment, including through targeted therapy and immunotherapy. Only 1 award per institution.

Funding: \$300,000 for 3 years

American Association for Cancer Research (AACR)

Kure It-AACR Research Grant for Immunotherapy in Kidney Cancer

Deadline: Anticipated February 15, 2019

Description: The AACR-Kure It Research Grant for Immunotherapy in Kidney Cancer represents a joint effort to promote and support innovative cancer research. This grant is available to study immunological aspects of, or treatments for, kidney cancer. Research projects should advance the basic knowledge of tumor immunology mechanisms, or develop new concepts in the treatment, control, or prevention of kidney cancer by immunology-based therapeutic approaches. Proposed projects may be basic, translational, clinical, or epidemiological in nature and must focus on cancer immunology including, but not limited to: immune recognition, regulation, tumor escape, and therapeutic manipulation for kidney cancer. Applications are invited from researchers currently in the field as well as investigators with experience in other areas of cancer or biomedical immunology research who have promising ideas and approaches that can be applied to kidney cancer research. A track record of research in this specific field is not a requirement for funding. Applicants must have a medical and/or doctoral degree in a related field. Applications will be accepted from independent investigators at all levels who are affiliated with an academic, medical or research institution anywhere in the world.

Funding: \$250,000

Minnesota Ovarian Cancer Alliance (MOCA)**Ovarian Cancer Research Awards**

Deadline: Anticipated March 1, 2019

Description: To accelerate ovarian cancer research in Minnesota. Research proposals may be for individual projects or part of a larger research project related to ovarian, primary peritoneal or fallopian tube cancer. Awards will be granted only to projects conducted in the state of Minnesota by Minnesota based researchers.

Funding: Funding for 1-3 years. May request \$50,000 or \$100,000 per year for 1-3 years

NIH**Mechanisms of Disparities in Chronic Liver Diseases and Cancer**

Deadline: April 4, 2019

Description: *PAR-17-150:* The purpose of the initiative is to support multidisciplinary innovative exploratory and developmental research to understand the underlying etiologic factors and the mechanisms that result in disparities in chronic liver diseases and cancer in the US. This FOA utilizes the Research Project Grant (R21) mechanism, and is suitable for early phase, pilot, or exploratory/developmental projects.

Funding: \$275,000 over two years (no more than \$200,000 per year)

American College of Chest Physicians (ACCP) CHEST Foundation**CHEST Foundation Research Grant in Lung Cancer**

Deadline: Anticipated April 9, 2019

Description: Applications must address research that leads to improved medical and/or surgical detection, treatment, and/or cure of lung cancer. Higher-level translational research project preferred (T1-T5); basic (cellular or animal) research projects will not be considered.

Applicant Qualifications:- CHEST membership at time of application. - Applicants must be licensed physicians. Physicians-in-training (residents or fellows), other health-care professionals, or clinical researchers with relevant experience will also be accepted. Although applicants may be at later career stages, special consideration will be given to young investigators and applicants in early stages of their careers. - Teams are encouraged to apply but must have a representative to serve as the PI who will apply as an individual and will receive recognition if awarded. - IRB approval must be sought/received for all projects to assure protection of subjects.

Funding: Upper \$100,000

Ovarian Cancer Research Fund Alliance**Liz Tilberis Early Career Award**

Deadline: Anticipated May 14, 2019

Description: The Liz Tilberis *Early Career Award is for junior faculty* with a strong commitment to an investigative career in the field of ovarian cancer research. To support a substantial time commitment to research and academic endeavors in ovarian cancer. Applicants must be working in institutions with strong existing ovarian cancer research programs, in a school of medicine or public health. Applicants should have strong training in preparation for an investigative career in ovarian cancer research and prior academic accomplishments. Candidates must have an M.D. or Ph.D. degree and should be in the first five years of their first academic appointment after having completed their fellowship or postdoctoral training (Assistant Professor or equivalent).

[Application Guidelines](#)

Funding: Three-year grant of up to \$150,000 per year (\$450,000 total).

The Gateway for Cancer Research**Gateway's Grant Application**

Deadline: Continuous

Description: Gateway focuses on transformational science via effective clinical trials—when basic science translates into human testing and clinical practice. We invest in clinical trials to enroll patients at all ages, with all cancer types, whose cancer is at any stage of progress—as long we they have the potential to help people live longer and feel better. We accept submissions on a rolling basis and typically approve funding requests

within 3-4 months—an extraordinarily short timeline compared to most research funding streams. As a result, Investigators can capitalize on Gateway funding to quickly enroll patients and move the research forward more rapidly than most funding allows.

Funding: \$800,000 (1-3 years)

Cardiothoracic/Cardiology/Cardiopulmonary/Thoracic/Vascular

American Association for Thoracic Surgery (AATS)

Third John Alexander Research Scholarship

Deadline: Anticipated January 2019

Description: This scholarship award is designed to provide opportunities for research, further training, and experience for those pursuing academic careers in cardiothoracic surgery. Eligible applicants are North American cardiothoracic surgeons in their first two years in an academic position.

Funding: \$160,000 over two years

American Association for Thoracic Surgery (AATS)

The Graham Surgical Investigator Program

Deadline: Anticipated January 15, 2019

Description: Supports innovative clinical or translational research for young Cardiothoracic Surgeons, including topics related to outcomes research, as well as robotically assisted surgery, minimally invasive surgery or other applications of new and innovative technologies in cardiothoracic surgery.

Funding: \$100,000 (\$50,000 per year for up to two years)

American Association for Thoracic Surgery (AATS)

AATS Graham Foundation

Deadline: Anticipated January 15, 2019

Description: The Graham Surgical Investigator Program supports innovative clinical or translational research for young Cardiothoracic Surgeons, including but not limited to topics related to outcomes research, as well as robotically assisted surgery, minimally invasive surgery or other applications of new and innovative technologies in cardiothoracic surgery.

Funding: Upper \$400,000

American Association for the Surgery of Trauma (AAST)

Research & Education Scholarships

Deadline: February 1, 2019

Description: To advance the field of acute care surgery, and improve the care of critically ill surgical patients, by fostering research, education, and professional development in an environment of fellowship and collegiality, the AAST supports *early career investigators* proposing basic science, translational, or clinical studies to advance trauma, surgical critical care, and emergency general surgery care. To provide funding for early investigators to complete a research project, which will serve as the basis for future grant applications and launch applicants' academic careers. Projects seeking exclusively preliminary data, or "proof of concept" projects will only be considered if the applicant provides sound scientific foundation. *Projects centered on Global Surgery/Trauma* will be considered if they are found to be of sufficient merit and are scientifically sound.

Funding: \$50,000

Vifor Pharma Group Relypsa, Inc.

Nephrology and Cardiology Fellowship Grant Program

Deadline: March 1, 2019

Description: The objective of the Relypsa Nephrology and Cardiology Research Grant is to provide a grant to eligible institutions to fund fellowship research projects in the area of hyperkalemia and associated disorders.

Funding: \$50,000 (one academic year)

Society for Vascular Surgery (SVS)**Clinical Research Seed Grant Program**

Deadline: Anticipated March 1, 2019

Description: Clinical research, preferably patient-oriented: research conducted with human subjects or on material of human origin such as tissues, specimens and cognitive phenomena for which an investigator directly interacts with human subjects. Applications addressing Small-scale clinical trials and ancillary studies in the setting of existing clinical trials are suggested. Examples include: Ancillary studies coupled to existing clinical trials. Pilot clinical trials of any type. Studies on the natural history of vascular disease, pathophysiology, or mechanisms underlying success or failure of vascular interventions. Application of quality-of-life, functional status, and resource utilization measures to assess the impact of vascular interventions. Development and validation of clinical risk-prediction models or diagnostic tools. Studies addressing the nature of disparities in care and outcomes.

Funding: \$25,000

American College of Chest Physicians (ACCP) CHEST Foundation**Research Grant in Nontuberculous Mycobacteria Diseases**

Deadline: Anticipated April 9, 2019

Description: Applications must advance research in Nontuberculous Mycobacteria Diseases. This grant is supported by Insmcd. Eligibility:- CHEST membership at time of application. - Applicants must be licensed physicians. Physicians-in-training (residents or fellows), other health-care professionals, or clinical researchers with relevant experience will also be accepted. Although applicants may be at later career stages, special consideration will be given to young investigators and applicants in early stages of their careers. - Teams are encouraged to apply but must have a representative to serve as the Principal Investigator who will apply as an individual and will receive recognition if awarded. - IRB approval must be sought/received for all projects to assure protection of subjects.

Funding: \$30,000

American College of Chest Physicians (ACCP) CHEST Foundation**Clinical Research Grant in Pulmonary Arterial Hypertension**

Deadline: Anticipated April 9, 2019

Description: Applications must advance the understanding of the pathophysiology or treatment of pulmonary arterial hypertension. Eligibility- CHEST membership at time of application. - Applicants must be licensed physicians. Physicians-in-training (residents or fellows), other health-care professionals, or clinical researchers with relevant experience will also be accepted. Although applicants may be at later career stages, special consideration will be given to young investigators and applicants in early stages of their careers. - Teams are encouraged to apply but must have a representative to serve as the Principal Investigator who will apply as an individual and will receive recognition if awarded. - IRB approval must be sought/received for all projects to assure protection of subjects.

Funding: \$25,000 - \$50,000

American College of Chest Physicians (ACCP) CHEST Foundation**Research Grant in Venous Thromboembolism**

Deadline: Anticipated April 9, 2019

Description: Applicants must be licensed physicians and applications must address topics that advance research and ultimately improve patient outcomes in VTE. Eligibility: CHEST membership at time of application. Physicians-in-training (residents or fellows), other health-care professionals, or clinical researchers with relevant experience will also be accepted. Although applicants may be at later career stages, special consideration will be given to young investigators and applicants in early stages of their careers. - Teams are encouraged to apply but must have a representative to serve as the PI who will apply as an individual and will receive recognition if awarded.

Funding: \$15,000 - \$30,000

American Association for the Surgery of Trauma (AAST)

Trauma Critical Care Award

Deadline: Anticipated February 1, 2019

Description: In alignment with its mission to advance the field of acute care surgery, and improve the care of critically ill surgical patients, by fostering research, education, and professional development in an environment of fellowship and collegiality, the AAST supports young investigators with research scholarships each year. The purpose of the AAST research scholarships is to solicit research applications from early career investigators proposing basic science, translational, or clinical studies to advance trauma, surgical critical care, and emergency general surgery care. AAST scholarships are intended to provide funding for early investigators to complete a research project, which will serve as the basis for future grant applications and to launch the applicants' academic careers. Clinical, Translational, and Basic Sciences (Mechanistic) research proposals are encouraged. Pilot projects, projects seeking exclusively preliminary data, or "proof of concept" projects will only be considered if the applicant provides sound scientific foundation for the proposal. Projects centered on Global Surgery/Trauma will be considered if they are found to be of sufficient merit and are scientifically sound.

Funding: Direct costs of the project may not exceed \$50,000. Funding for the project will not exceed a period of one year.

Shock Society

Faculty Research Award

Deadline: April 1, 2019 (Annually)

Description: To support a faculty at his/her early career stage to do research in the areas related to trauma, shock and sepsis. Research topics may vary from basic cellular responses to clinical outcomes. Proposing translational research and clinical application are encouraged. Research must have intrinsic importance, but may contain a component for permitting the applicant to learn the methodology, theory, and conceptualizations necessary for project development.

Funding: \$83,000 over 2 years, w/ \$3,000 for annual meeting travel for 3 years.

Shock Society

Research Investigator Fellowship

Deadline: April 1, 2019 (Annually)

Description: To support a research fellow newly obtained a postgraduate degree to do research in the areas related to trauma, shock and sepsis, leading to be an outstanding independent investigator. Research topics may vary from basic cellular responses to clinical outcomes. Proposing translational research and clinical application are encouraged. Proposed research must have intrinsic importance, but may also contain a component for permitting the applicant to learn the methodology, theory, and conceptualizations necessary for project development.

Funding: \$22,000 over one year

American College of Chest Physicians (ACCP)

Eli Lilly and Company Distinguished Scholar in Critical Care Medicine

Deadline: April 9, 2019

Description: The Distinguished Scholar in Critical Care Medicine grant was established as a benchmark for clinical innovations that would translate into healthier patient lives. The Eli Lilly and Company Distinguished Scholar is expected to complete an investigative project that has significant impact on critically ill patients.

Funding: \$150,000 over 3 years

Osteosynthesis & Trauma Care Foundation

Research Grants Program

Deadline: April 15, 2019

Description: To encourage orthopedic trauma surgeons and basic scientists by providing seed and start-up funding for promising research projects in the field of orthopedic trauma surgery through Grants for a research project extending over a maximum of two years. Both laboratory and clinical

projects are suitable, but in either case clinical relevance must be explicitly and clearly described. The subject areas in which 2018 grant proposals are invited include:

- Implant-Bone Interface: Coatings, Fixation, Minimizing Infection
- Prevention and Treatment of Infection: Type and length of antibiotic treatment, stability of fractures
- Post-traumatic Deformity: Angular deformities and consequences, pediatric fracture deformities
- Role of External Fixation in Acute Trauma: Staged protocols, span and scan - timing of internal fixation, timing of fixation (systemic)
- External Fixation and Fracture Repair: Optimal stiffness, External fixation in osteoporotic bone, Assessment of healing after external fixation

Funding: \$50,000

One Mind Institute (formerly IMHRO)

One Mind Rising Star Awards

Deadline: May 15, 2019

Description: Given the challenges of understanding and finding therapies for brain illnesses and injuries, the One Mind Rising Star Awards encourage the community of researchers to innovate in their basic and translational science to benefit patients, while supporting the research of emerging leaders in the field. One Mind, in collaboration with Janssen Research & Development, is offering up to three Rising Star Research Awards: and in collaboration with Inscopix, a Technology Supplement Grant in 2018. The overarching goal is to award promising, early career investigators an opportunity to enhance or accelerate research on major neuropsychiatric disorders, such as anxiety, addiction, bipolar disorder, depression, post traumatic stress, schizophrenia, and traumatic brain injury.

Funding: \$250,000, with \$83,333 distributed annually over a 3 year period.

The Society of Critical Care Medicine (SCCM)

SCCM-Weil Research Grant

Deadline: Anticipated June 1, 2019 (Continuous)

Description: Supports research efforts that will ultimately improve patient care in the ICU and after ICU discharge. Investigator-initiated research should help advance and improve our understanding of critical illness and patient care. Applications are encouraged that focus on expanding our basic knowledge of critical illness, clinical interventions to improve patient outcomes, and technical aspects such as electronic surveillance systems, as well as studies exploring cultural and educational factors among ICU staff that either impede or facilitate a climate promoting best practices and error reduction. Priority will be given to projects that have broad relevance and/or community engagement. For example, single-center projects should specifically address the potential to generalize their findings to other critical care settings.

Funding: \$50,000

The Mayday Fund

Research Bench to Bedside

Deadline: No deadline

Description: Interested in projects that result in clinical interventions to reduce the toll of physical pain, pediatric pain, pain in non-verbal populations, and pain in the context of emergency medicine. Projects that hold promise of innovative clinical applications. We look to seed translational research to expand the scope and reach of pain treatments

Funding: Recent grants range from \$10,000 - \$450,000

Diabetes

NIH, United States Department of Health and Human Services, NIDDK

NIDDK Program Projects (P01 Clinical Trial Optional)

Deadline: January 25, 2019

Description: PAR-18-012: Invites submission of investigator-initiated program project applications. New biologic knowledge will come from sole investigators following their vision and from teams of scientists sharing their expertise. Some complex biomedical problems require a multidisciplinary vantage point to discover an innovative solution. The proposed programs should address scientific areas relevant to the NIDDK mission including diabetes, selected endocrine and metabolic diseases, obesity, digestive diseases and nutrition, and kidney, urologic and

hematologic diseases, as well as new approaches to prevent, treat and cure these diseases, including clinical research. A description of NIDDK scientific program areas can be found at <http://www.niddk.nih.gov/research-funding/process/apply/about-funding-mechanisms/niddk-collaborative-grants-comparison/Pages/default.aspx>

Funding: Applications should not request more than \$6.25 MM in direct costs over 5 years

Qatar Foundation, Qatar National Research Fund (QNRF)**National Priorities Research Program (NPRP)**

Deadline: Anticipated January 30, 2019

Description: The vision of QNRF is to enable research and development excellence in Qatar in order to achieve a knowledge-based economy through the advancement of research and education by providing funding opportunities for original, competitively-selected research and development at all levels and across all disciplines. The NPRP encourages collaborative and multi-disciplinary proposals involving teams from more than one institution. QNRF aims for international collaborations to enhance the research capacity and scientific excellence in Qatar. The collaboration of research end-users in proposals is particularly encouraged. The objective is to competitively select research projects that will address national priorities through supporting basic and applied research as well as translational research/experimental development. QNRF intends to stimulate partnerships between academics and research end-users. The NPRP-S aims to focus on meritorious research projects that demonstrate a potential impact on the development of Qatar's society and economy with an emphasis on: - tackle needs and challenges that local research end-users face; - support projects with tangible impacts; - focus on subjects that are highly promising in terms of commercial and technological potential; - promote a public-private partnership culture in Qatar; - encourage a more cross-cutting / interdisciplinary approach to projects; - stimulate scientific excellence and the advancement of knowledge in Qatar. Proposals submitted are required to be aligned to at least one of the listed thematic research areas. The objectives of the Priority Themes are to focus and optimize QNRF's funding according to the following main strategic principles: - Diversify and develop Qatar's industry and services towards a knowledge-based economy. - Support the development and enforcement of public policies, governance and public services in Qatar. -Focus on hotspot R&D fields, in which Qatar may be positioned to take some leadership. Proposals addressing priority themes and scoring high on the other review criteria will be prioritized in the award selection process. *Biomedical & Health Pillar - Priority Theme:* - Epidemiology studies
- Diabetes, Obesity, Hypertension and Cardiovascular Complications
- Cancer (Breast, Colon, Prostate and Hematologic Cancers)
- Genetic Diseases (including Autism).

At least 50 percent of the proposed funded research efforts must be conducted inside Qatar by the research team and at least 65 percent of the QNRF total annual grant of the project must be expended inside Qatar.

Funding: \$200,000 for a one year project, \$400,000 for a two year project, \$600,000 for a three year project and 700,000 for a four year project

NIH, NIDDK**Investigator-Initiated Clinical Trials Targeting Diseases within the Mission of NIDDK (R01 Clinical Trial Required)**

Deadline: February 5, 2019

Description: PA-18-330 Invites applications for investigator-initiated clinical trials within the mission of the National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK) to be conducted at no more than two clinical research centers. NIDDK is committed to improving the health of people with diabetes and other endocrine and metabolic diseases; digestive diseases, nutritional disorders, and obesity; and kidney, urologic and hematologic diseases. Applications for clinical trials submitted under this FOA should be hypothesis driven, have clearly described aims and objectives, and have a high likelihood that the trial findings will improve understanding, diagnosis, prevention or treatment of the diseases studied and have the potential to impact clinical practice and/or public health.

Funding: Not limited

American Diabetes Association**Core Awards - Research Awards - Innovative Clinical or Translational Science (ICTS)**

Deadline: April 16, 2019

Description: Support research with novel and innovative hypotheses, performed in human subjects, or research approaches to accelerate the transition of scientific discoveries into clinical application. Studies supported with these awards must directly involve human subjects, human samples and/or data, and offer considerable promise for advancing the cure, prevention or treatment of diabetes. Applications proposing high-risk projects with the potential for high-impact results are encouraged, as are studies that may not be sufficiently developed for traditional funding sources. 20% of total costs may be requested for PI salary support

Funding: Up to \$600,000. Provides up to \$200,000 per year for up to three years, including indirects.

NIH **Early-Stage Preclinical Validation of Therapeutic Leads for Diseases of Interest to the NIDDK (R01)**

Deadline: March 12, 2019

Description: PAR-16-121: To translate basic science research into knowledge and tools that can be utilized to provide strong justification for later-phase therapeutics discovery and development efforts in health-related outcomes relevant to the National Institute of Diabetes and Digestive and Kidney Diseases. This includes outcomes relevant to obesity, diabetes and related aspects of endocrinology and metabolism, digestive diseases, liver diseases, nutrition, kidney and urological diseases, hematology, and specific aspects of cystic fibrosis. Additional information concerning programmatic areas at NIDDK is available at: www.niddk.nih.gov/research-funding/research-programs/Pages/default.aspx.

Its objective is to stimulate research and technology development to promote the early-stage preclinical validation of therapeutic leads (that need not be finalized therapeutics, henceforth called "therapeutic leads") such as small molecules or non-viral biologics (e.g. antibodies, cell-based therapies, engineered tissue constructs, probiotic or commensal microbes) that are not currently a focus within the biotechnology and pharmaceutical industries. It is expected that there is significant novelty in either the target, small molecule, or non-viral biologic itself, or in the approaches used to pursue further therapeutic lead validation, and that this is articulated clearly in the application. It is not intended to support research focused on understanding normal biology, disease processes, or generating lists of putative new targets.

At the end of the project period, a successful project will have provided a significant contribution to the data supporting the validity of modulating a target's activity for safe, efficacious treatment of a disease using a small molecule or non-viral biologic approach.

Funding: Not limited

American Diabetes Association (ADA) **Core Program - Research Awards: Innovative Basic Science Award**

Deadline: April 16, 2019

Description: These awards support basic research with novel and innovative hypotheses in any area relevant to the etiology or pathophysiology of diabetes and its complications that holds significant promise for advancing the prevention, cure or treatment of diabetes. Applications proposing high-risk projects with the potential for high-impact results are encouraged, as are studies that may not be sufficiently developed for traditional funding sources.

Funding: \$345,000 Awards provide up to \$115,000 per year for up to three years, including indirect costs. Up to 20% of total costs may be requested for PI salary support

NIH, United States Department of Health and Human Services, NIDDK **NIDDK Program Projects (P01 Clinical Trial Optional)**

Deadline: May 25, 2019

Description: PAR-18-012: Invites submission of investigator-initiated program project applications. New biologic knowledge will come from both sole investigators following their vision and from teams of scientists sharing their expertise. Some complex biomedical problems require a multidisciplinary vantage point to discover an innovative solution. The proposed programs should address scientific areas relevant to the NIDDK mission including diabetes, selected endocrine and metabolic diseases, obesity, digestive diseases and nutrition, and kidney, urologic and hematologic diseases, as well as new approaches to prevent, treat and cure these diseases, including clinical research. A description of NIDDK scientific program areas can be found at <http://www.niddk.nih.gov/research-funding/process/apply/about-funding-mechanisms/niddk-collaborative-grants-comparison/Pages/default.aspx>

Funding: \$6.25 MM in direct costs over 5 years

Deadline: September 25, 2019

Description: PAR-18-012: Invites submission of investigator-initiated program project applications. New biologic knowledge will come from both sole investigators following their vision and from teams of scientists sharing their expertise. Some complex biomedical problems require a multidisciplinary vantage point to discover an innovative solution. The proposed programs should address scientific areas relevant to the NIDDK mission including diabetes, selected endocrine and metabolic diseases, obesity, digestive diseases and nutrition, and kidney, urologic and hematologic diseases, as well as new approaches to prevent, treat and cure these diseases, including clinical research. A description of NIDDK scientific program areas can be found at <http://www.niddk.nih.gov/research-funding/process/apply/about-funding-mechanisms/niddk-collaborative-grants-comparison/Pages/default.aspx>

Funding: \$6.25 MM in direct costs over 5 years

Cardinal Health Foundation

Effectiveness, Efficiency and Excellence in Healthcare (E3)

Deadline: Anticipated December 9, 2019

Description: Cardinal Health develops and supports programs that help healthcare providers implement best practices that can truly transform patient care. The foundation is seeking proposals that include the following criteria in 2017:

- Supporting the best use of medications, especially at transitions across the continuum of care from the hospital to home/to ambulatory settings.
- Managing diabetes and/or multiple chronic diseases
- Being informed by and implementing emerging innovations that have been tested and are supported by data showing success in improving outcomes, reducing cost or accelerating the rate of change in healthcare
- Engaging patients and their caregivers/families as well as healthcare leadership
- Publishing or otherwise sharing outcomes
- Finding innovative and sustainable ways to effect long-term change.

Funding: \$35,000 per year

Gastrointestinal/Digestive/Bariatric/Colon/Rectal

Broad Medical Research Program

Deadline: No deadline

Description: The first step is to submit a Letter of Interest. If the BMRP is interested in pursuing a project, an invitation is extended to submit. Grants are available for proposals that will lead to improvements in the prevention, diagnosis or therapy of Crohn's disease or ulcerative colitis. Soliciting proposals in two areas of research: Differences in IBD incidence between developing and developed countries. The BMRP is funding research into the possible reasons for low and high incidence of IBD in different areas of the globe. Proposals should be exploratory in nature or designed as pilot. Shed light on factors that may influence low versus high global areas of prevalence of the disease and should ultimately be helpful in improved understanding of the etiology of IBD and the factors that enhance or prevent the genesis of the disease. Interested in early stage exploratory innovative proposals to investigate the similarities and differences between inflammatory bowel diseases and diabetes mellitus.

Funding: Not limited

Society for Surgery of the Alimentary Tract

Career Development

Deadline: Anticipated January, 2019

Description: Both basic and clinical investigations in digestive diseases are supported through this award. Surgeons within five years of their first faculty appointment in a department of surgery who have not received funding through similar career development awards or the NIH R01 mechanism are eligible.

Funding: \$50,000 per year for two year

American Gastroenterological Association (AGA)**AGA-Elsevier Gut Microbiome Pilot Research Award**

Deadline: Anticipated January, 2019

Description: To provide funds for early career investigators at any career stage researching projects on the relationship of the gut microbiota to digestive health and disease. To help establish research careers or to support projects that represent new research directions for established investigators. Projects must focus on the relationship of the gut microbiota to digestive health and disease. Career Development, Established Investigators, Young Investigators. G

Funding: \$25,000 1 year

American Gastroenterological Association (AGA) Research Foundation**AGA-Allergan Foundation Pilot**

Deadline: Anticipated January, 2019

Description: Research Award in Gastroparesis: funds initial research efforts related to gastroparesis pathophysiology and/or treatment. Eligible researchers may be at any career stage; however, early career investigators (MDs no more than seven years out of training and PhDs no more than seven years beyond receipt of terminal degree) must have a preceptor to supervise and mentor during the course of the project. AGA membership is required.

Funding: \$30,000 1 year

American Gastroenterological Association (AGA)**AGA-Boston Scientific Technology and Innovation Pilot Award**

Deadline: Anticipated January, 2019

Description: Provides funds for early career and established investigators working in gastroenterology, hepatology or related areas focused on technology and innovation. Projects must focus on medical technologies relevant to the diagnosis or treatment of digestive or liver diseases, including but not limited to using an existing technology for a new application; evaluating clinical and/or patient-reported outcomes associated with a technology; assessing the health economics of a medical technology; studying the impact of appropriate use of technology in clinical practice; or creating and testing a new device. Developing a novel technology that has applications to clinical care and research; Developing a new diagnostic or therapeutic device; Designing/testing a significant improvement to existing technology; or Developing a novel research method technology.

Funding: \$30,000 1 year

American Gastroenterological Association**AGA-Pfizer Young Investigator Pilot Research Award in Inflammatory Bowel Disease**

Deadline: January 11, 2019

Description: Provides funding for recipients at any career stage researching new directions focused on improving the diagnosis and treatment of inflammatory bowel disease (IBD). The objective of this pilot research award is to provide funds for early career investigators to help establish their research careers or to support projects that represent new research directions for established investigators. Projects must focus on new research areas that could improve the diagnosis and treatment of IBD. Candidates for this award must hold an MD, PhD, or equivalent degree and a full-time faculty position at an accredited North American institution. AGA membership is required at the time of application.

Funding: \$30,000 1 year

American Gastroenterological Association**AGA-Allergan Foundation Pilot Research Award in Irritable Bowel Syndrome**

Deadline: January 11, 2019

Description: This award is for an investigator at any career stage researching the pathophysiology and/or treatment of irritable bowel syndrome (IBS). The objective of this pilot research award is to provide funds for early career investigators to help establish their research careers or to support projects that represent new research directions for established investigators. Projects must focus on the pathophysiology and/or treatment of IBS and clearly state how the research will impact the care of patients with IBS.

Funding: \$30,000 1 year

Deadline: January 11, 2019**Description:** To support early career investigators conducting research relevant to the pathogenesis, prevention, diagnosis, or treatment of digestive cancer. Intended to supplement existing career development funding. Candidates for this award must hold an MD, PhD or equivalent degree and a full-time faculty position at an accredited institution. Research must be conducted at an accredited North American institution. Candidate must hold an NIH K series (e.g. K01, K08, K23, K99, R00) or other federal/non-federal career development award of at least four years' duration. There must be at least one year remaining on the award by July 1, 2018. MD applicants are considered "early career" if no more than seven years have elapsed following the completion of clinical training (GI fellowship or its equivalent) at the start date of this award. PhD applicants are considered "early career" if no more than seven years.**Funding:** \$40,000 for one year**NIH, United States Department of Health and Human Services, NIDDK****NIDDK Program Projects (P01 Clinical Trial Optional)**

Deadline: January 25, 2019**Description:** PAR-18-012: Invites submission of investigator-initiated program project applications. New biologic knowledge will come from both sole investigators following their vision and from teams of scientists sharing their expertise. Some complex biomedical problems require a multidisciplinary vantage point to discover an innovative solution. The proposed programs should address scientific areas relevant to the NIDDK mission including diabetes, selected endocrine and metabolic diseases, obesity, digestive diseases and nutrition, and kidney, urologic and hematologic diseases, as well as new approaches to prevent, treat and cure these diseases, including clinical research.**Funding:** \$6.25 MM in direct costs over 5 years**NIH, NIDDK****Investigator-Initiated Clinical Trials Targeting Diseases within the Mission of NIDDK (R01 Clinical Trial Required)**

Deadline: February 5, 2019**Description:** PA-18-330 Invites applications for investigator-initiated clinical trials within the mission of the National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK) to be conducted at no more than two clinical research centers. NIDDK is committed to improving the health of people with diabetes and other endocrine and metabolic diseases; digestive diseases, nutritional disorders, and obesity; and kidney, urologic and hematologic diseases. Applications for clinical trials submitted under this FOA should be hypothesis driven, have clearly described aims and objectives, and have a high likelihood that the trial findings will improve understanding, diagnosis, prevention or treatment of the diseases studied and have the potential to impact clinical practice and/or public health.**Funding:** Not limited**American Society of Colon and Rectal Surgeons (ASCRS) Research Foundation of ASCRS SSAT and Research Foundation Joint Award**

Deadline: February 17, 2019**Description:** To assist in the development of young faculty members who want to develop an active research program in colorectal diseases. To foster stronger fellowship between these two Societies through greater scientific collaboration and more comprehensive young faculty mentorship. Research focused on diseases of the lower intestinal tract. Includes, but is not limited to, inflammatory bowel disease, cancer, or benign conditions of the lower GI tract. Recipient will submit an abstract arising from his/her jointly funded research for presentation at the SSAT and/or ASCRS annual meeting(s), as well as manuscripts to either the Journal of Gastrointestinal Surgery, the official journal of the SSAT, or Diseases of the Colon and Rectum, official journal of ASCRS, for publication.**Funding:** \$50,000-\$100,000

Deadline: Anticipated Letter of Intent deadline March 2019

Description: To assist obesity medicine clinicians in engaging in clinical research focused on approaches to obesity treatment. The overall mission of the Obesity Treatment Foundation is to advance obesity treatment through clinical research and education, and by offering an obesity research grant to a qualifying clinician, the Foundation can help to amplify the quantity and quality of clinician-driven, practice-based research. Ultimately, enabling this type of obesity treatment research will increase the credibility of obesity medicine specialists and grow the field of obesity medicine.

Funding: \$15,000

American Society of Colon and Rectal Surgeons (ASCRS) Research Foundation of ASCRS Surgery Resident Research Initiation Grant

Deadline: March 1, 2019

Description: To attract General Surgery Residents or recent Graduates of such programs into the field of Colon and Rectal Surgery by providing opportunities to engage in clinical or laboratory-based... more »

Eligibility: General surgical residents or recent (within two years) graduates of a U.S. approved general surgery training program are eligible to apply. Preference is given to applicants with research or clinical career goals in the field of colon and rectal surgery and whose research mentor or co-Investigator is a Fellow of ASCRS. Applicant must have designated time for research and no clinical responsibility.

Funding: \$40,000 Over 2 years

Broad Medical Research Program

Deadline: No deadline

Description: There is a two-step process for requesting funding from the Broad Medical Research Program for Inflammatory Bowel Disease: The first step is to submit a Letter of Interest. If the BMRP is interested in pursuing a project, an invitation is extended to submit. Grants are available for proposals that will lead to improvements in the prevention, diagnosis or therapy of Crohn's disease or ulcerative colitis. Soliciting proposals in two areas of research: Differences in IBD incidence between developing and developed countries. The BMRP is funding research into the possible reasons for low and high incidence of IBD in different areas of the globe. Proposals should be exploratory in nature or designed as pilot. Shed light on factors that may influence low versus high global areas of prevalence of the disease and should ultimately be helpful in improved understanding of the etiology of IBD and the factors that enhance or prevent the genesis of the disease. IBD and Diabetes Mellitus. Interested in early stage exploratory innovative proposals to investigate the similarities and differences between inflammatory bowel diseases and diabetes mellitus.

Funding: Not limited

Heart, Lung, and Blood

NIH, National Heart, Lung, and Blood Institute Limited Competition: Grant for NHLBI K01/K08/K23 Recipients (R03 Clinical Trial Optional)

Deadline: January 8, 2019 new date per issuance of NOT-HL-17-557 (Original Expiration Date was: September 8, 2018)

Description: RFA-HL-18-025: To solicit current or recently completed NHLBI K01, K08, and K23 awardees for grant support to expand their current research objectives or to branch out to a study that resulted from the research conducted under the K award. Recently completed NHLBI K01, K08, and K23 awardees are eligible to apply for the R03 if the earliest possible R03 start date falls within 2 years of their prior NHLBI K award Project Period end date. Thus, this FOA is intended to enhance the capability of NHLBI K01, K08, and K23 award recipients to conduct research as they complete their transition to fully independent investigator status. 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. For current and previous K23 awardees, research proposed in the R03 application may or may not include patient-oriented research. The R03 is, therefore, intended to support research projects that can be carried out in a short period of time with limited resources and that provide preliminary data to support a subsequent R01, or equivalent, application

Funding: Limited to direct costs up to \$50,000 per year, but need to reflect actual needs of the proposed project. The project period is two years.

International Society for Heart and Lung Transplantation (ISHLT)**Research Fellowship Award**

Deadline: January 2019

Description: These awards are aimed to support trainees in basic, clinical or translational research in transplantation or mechanical circulatory support in a mentored environment.

Funding: \$40,000 for one year

International Society for Heart and Lung Transplantation (ISHLT)**ISHLT/Enduring Hearts Transplant Longevity Research Award**

Deadline: January 2019

Description: The purpose of this award is to further the scientific understanding surrounding the topic of improving pediatric cardiac graft outcomes and patient quality of life. One of ISHLT's missions is to award research grants and establish endowments for the study of heart and lung transplantation and end-stage heart and lung disease. One of the missions of Enduring Hearts is to promote research to improve longevity of pediatric heart transplants, improve quality of life for transplant recipients, and ultimately reduce and eliminate pediatric heart disease. Our two organizations have joined forces to develop a new award, the ISHLT/Enduring Hearts Transplant Longevity Research Award, to meet these missions.

Funding: up to \$160,000 for the purpose of furthering the scientific understanding surrounding the topic of improving pediatric cardiac graft outcomes and patient quality of life.

International Society for Heart and Lung Transplantation Medtronic Sponsored ISHLT/O.H. Frazier Award in MCS Translational Research

Deadline: January 2019

Description: The purpose of this award is to support research utilizing MCS that would result in an increased understanding of the biologic effects, use as sole or combined therapy, insights into patient/MCS management, innovative use/application or improved outcomes for the treatment of heart failure. This award is aimed to support rising stars in the field of mechanical circulatory support at a critical time in their career. The Award recipient will have already established a track record in the field of mechanical circulatory support and will aim to further develop their career in this area. The intent is that the Award will be for a junior faculty position dedicated to a career in the use of MCS as a treatment option for heart failure. It is anticipated that the individual will be clinician or clinician scientist at an active VAD/transplant program with a faculty appointment in either cardiology or cardiac surgery.

Funding: \$65,000 one year

International Society for Heart and Lung Transplantation (ISHLT)**Joel D. Cooper Career Development Award**

Deadline: January 15, 2019

Norman E. Shumway Career Development Award

Description: To support the rising stars of basic, clinical or translational research at a critical time in their independent research career. The awardee will have already established a track record in the field of heart or lung transplantation, the failing heart or lungs or mechanical circulatory support and will aim to further develop their career in one of these areas. The results of funded research must be submitted in one of the following formats within three years of the initial date of funding:

- as a manuscript to the Journal of Heart and Lung Transplantation
- as an abstract for the ISHLT Annual Meeting and Scientific Sessions
- as a report for publication in the Journal of Heart and Lung Transplantation

The applicant and the applicant's sponsor/chief must be members of the ISHLT in good standing at the time of application and throughout the period of funding.

Funding: \$160,000 (\$80,000 per year for 2 years)

Deadline: January 25, 2019

Description: PAR-18-012: Invites submission of investigator-initiated program project applications. New biologic knowledge will come from both sole investigators following their vision and from teams of scientists sharing their expertise. Some complex biomedical problems require a multidisciplinary vantage point to discover an innovative solution. The proposed programs should address scientific areas relevant to the NIDDK mission including diabetes, selected endocrine and metabolic diseases, obesity, digestive diseases and nutrition, and kidney, urologic and hematologic diseases, as well as new approaches to prevent, treat and cure these diseases, including clinical research. A description of NIDDK scientific program areas can be found at <http://www.niddk.nih.gov/research-funding/process/apply/about-funding-mechanisms/niddk-collaborative-grants-comparison/Pages/default.aspx>

Funding: Applications should not request more than \$6.25 MM in direct costs over 5 years

LUNGeivity Foundation

Career Development Awards for Translational Research

Deadline: Anticipated letter of intent February 2019. Full application due (by invitation only) May 2019

Description: LUNGeivity's Career Development Awards for Translational Research program was created to support future research leaders who will keep the field of lung cancer research vibrant with new ideas. Funded projects are expected to have a direct impact on the early detection of lung cancer or on the outcomes of lung cancer, or to provide a clear conceptual or experimental foundation for the future development of methods for early detection and/or individualized treatment, including through targeted therapy and immunotherapy. Only 1 award per institution.

Funding: \$300,000 for 3 years

NIH, NHLBI

Ethical, Legal, and Social Implications (ELSI) of Genomics Exploratory/Developmental Research Grant Program (R21)

Deadline: February 16, 2019

Description: PA-17-446: Invites Exploratory/Developmental Research Grant (R21) applications that propose to study the ethical, legal and social implications (ELSI) of human genome research. These applications should propose single or mixed methods studies that break new ground, extend previous discoveries in new directions or develop preliminary data in preparation for larger studies. Of particular interest are studies that explore the implications of new or emerging genomic technologies or novel uses of genomic information.

Funding: No more than \$275,000 in direct costs for the two year project, with no more than \$200,000 in direct costs in a single year.

American College of Chest Physicians (ACCP) CHEST Foundation Alpha-1 Foundation Research Grant in Alpha-1 Antitrypsin Deficiency

Deadline: Anticipated April 9, 2019

Description: 2018 marks the 12th year of the successful partnership between the CHEST Foundation and Alpha-1 Foundation in sponsoring a 1-year clinical research grant in alpha-1 antitrypsin (AAT) deficiency. The Alpha-1 Foundation is committed to finding a cure for alpha-1 antitrypsin (AAT) deficiency and to improving the lives of people affected by alpha-1 worldwide. Its grants and awards programs fund a broad range of research that leads to improvements in the health and quality of life of people living with AAT. Applicant Qualifications

- CHEST membership at time of application.
- Applicants must be licensed physicians. Physicians-in-training (residents or fellows), other health-care professionals, or clinical researchers with relevant experience will also be accepted. Although applicants may be at later career stages, special consideration will be given to young investigators and applicants in early stages of their career.
- Teams are encouraged to apply but must have a representative to serve as the Principle Investigator who will apply as an individual and will receive recognition if awarded.
- IRB approval must be sought/received for all projects to assure protection of subjects.
- Not-for-profit organizations and institutions are eligible to apply.

Funding: \$25,000 (one year)

Deadline: Anticipated April 9, 2019

Description: Applications must address clinical, population, or community engagement/health services aspects of COPD with relevance to the prevention and/or reduction in morbidity or mortality associated with COPD. Higher-level translational research project preferred (T1-T5); basic (cellular or animal) research projects will not be considered. This grant is supported by AstraZeneca LP. Applicant Qualifications

- CHEST membership at time of application.

- Applicants must be licensed physicians. Physicians-in-training (residents or fellows), other health-care professionals, or clinical researchers with relevant experience will also be accepted. Although applicants may be at later career stages, special consideration will be given to young investigators and applicants in early stages of their careers.

- Teams are encouraged to apply but must have a representative to serve as the Principal Investigator who will apply as an individual and will receive recognition if awarded.

Funding: \$50,000 (one year)

NIH Research to Optimize Integration of Proven Interventions for Heart, Lung, and Blood Diseases and Sleep Disorders into Practice

Deadline: June 14, 2019

Description: *RFA-HL-19-014:* Seeking applications that propose to develop and test T4 implementation strategies to identify facilitators and overcome barriers in the adaptation, integration, scale-up, and sustainability of proven-effective interventions and guidelines for preventing and/or managing heart, lung, and blood diseases and/or sleep disorders (HLBS conditions). The proposed implementation strategies must be adaptable and responsive to community needs and contexts, and must account for cultural and organizational factors. For purposes of this FOA, T4 Implementation Research is defined as research to identify strategies to enhance sustainable uptake of proven-effective interventions into routine clinical practice.

Funding: \$485,000

Immunology

American Association for Cancer Research (AACR)**Kure It-AACR Research Grant for Immunotherapy in Kidney Cancer**

Deadline: Anticipated February 15, 2019

Description: The AACR-Kure It Research Grant for Immunotherapy in Kidney Cancer represents a joint effort to promote and support innovative cancer research. This grant is available to study immunological aspects of, or treatments for, kidney cancer. Research projects should advance the basic knowledge of tumor immunology mechanisms, or develop new concepts in the treatment, control, or prevention of kidney cancer by immunology-based therapeutic approaches. Proposed projects may be basic, translational, clinical, or epidemiological in nature and must focus on cancer immunology including, but not limited to: immune recognition, regulation, tumor escape, and therapeutic manipulation for kidney cancer. Applications are invited from researchers currently in the field as well as investigators with experience in other areas of cancer or biomedical immunology research who have promising ideas and approaches that can be applied to kidney cancer research. A track record of research in this specific field is not a requirement for funding. Applicants must have a medical and/or doctoral degree in a related field. Applications will be accepted from independent investigators at all levels who are affiliated with an academic, medical or research institution anywhere in the world.

Funding: \$250,000

American Association of Immunologists (AAI)**AAI Public Policy Fellows Program (PPFP)**

Deadline: Anticipated March 19, 2019

Description: The primary goals of the program are to 1) help AAI members, early in their careers, better understand the role of the President and Administration, Congress, and the National Institutes of Health in determining the policies that affect biomedical research, and 2) teach participants how best to advocate for, and impact, these policies that guide their careers. The program will also help ensure that AAI has within its ranks a cadre

of well-informed scientists who can help lead the organization's public policy efforts in the future. All PFP Fellows are selected by the AAI Committee on Public Affairs. Applicants are required to:

- have received their Ph.D., M.D., or equivalent within the previous 10 years in immunology or a related field;
- be a member in good standing of AAI (must be a member at the time of application and throughout the Fellowship year);
- be committed to a career in biomedical research;
- have excellent interpersonal and communication skills; and
- have an interest in public policy as it relates to biomedical research.

Funding: \$400,377

American Association of Immunologists (AAI)**AAI Careers in Immunology Fellowship Program**

Deadline: Anticipated March 19, 2019

Description: The AAI Careers in Immunology Fellowship Program supports the career development of young scientists by providing eligible PIs with one year of salary support for a trainee in their labs. The fellowship does not pay fringe benefits or other indirect costs to the institution.

Funding: \$300,228

Nephrology/Endocrine/NIDDK

NIH, HHS, NIDDK**NIDDK Program Projects (P01 Clinical Trial Optional)**

Deadline: January 25, 2019

Description: *PAR-18-012:* Invites submission of investigator-initiated program project applications. New biologic knowledge will come from both sole investigators following their vision and from teams of scientists sharing their expertise. Some complex biomedical problems require a multidisciplinary vantage point to discover an innovative solution. The proposed programs should address scientific areas relevant to the NIDDK mission including diabetes, selected endocrine and metabolic diseases, obesity, digestive diseases and nutrition, and kidney, urologic and hematologic diseases, as well as new approaches to prevent, treat and cure these diseases, including clinical research. A description of NIDDK scientific program areas can be found at <http://www.niddk.nih.gov/research-funding/process/apply/about-funding-mechanisms/niddk-collaborative-grants-comparison/Pages/default.aspx>

Funding: \$6.25 MM (5 years)

American Society of Nephrology (ASN)**Homer W. Smith Award**

Deadline: January 26, 2019

Description: The award is presented annually to an individual who has made outstanding contributions which fundamentally affect the science of nephrology, broadly defined, but not limited to, the pathobiology, cellular and molecular mechanisms and genetic influences on the functions and diseases of the kidney.

Eligibility: To nominate a candidate, please submit one letter of nomination and the nominee's curriculum vitae (CV). Please note that ASN can only accept one nomination letter per candidate, although the letter may have multiple signatories.

Funding: Unspecified

Vifor Pharma Group Relypsa, Inc.**Nephrology and Cardiology Fellowship Grant Program**

Deadline: March 1, 2019

Description: The objective of the Relypsa Nephrology and Cardiology Research Grant is to provide a grant to eligible institutions to fund fellowship research projects in the area of hyperkalemia and associated disorders.

Funding: \$50,000 (one academic year)

American Association for Cancer Research (AACR)**Kure It-AACR Research Grant for Immunotherapy in Kidney Cancer**

Deadline: Anticipated February 15, 2019

Description: The AACR-Kure It Research Grant for Immunotherapy in Kidney Cancer represents a joint effort to promote and support innovative cancer research. This grant is available to study immunological aspects of, or treatments for, kidney cancer. Research projects should advance the basic knowledge of tumor immunology mechanisms, or develop new concepts in the treatment, control, or prevention of kidney cancer by immunology-based therapeutic approaches. Proposed projects may be basic, translational, clinical, or epidemiological in nature and must focus on cancer immunology including, but not limited to: immune recognition, regulation, tumor escape, and therapeutic manipulation for kidney cancer. Applications are invited from researchers currently in the field as well as investigators with experience in other areas of cancer or biomedical immunology research who have promising ideas and approaches that can be applied to kidney cancer research. A track record of research in this specific field is not a requirement for funding. Applicants must have a medical and/or doctoral degree in a related field. Applications will be accepted from independent investigators at all levels who are affiliated with an academic, medical or research institution anywhere in the world.

Funding: \$250,000

NIH, HHS, NIDDK**NIDDK Program Projects (P01 Clinical Trial Optional)**

Deadline: May 25, 2019

Description: *PAR-18-012:* Invites submission of investigator-initiated program project applications. New biologic knowledge will come from both sole investigators following their vision and from teams of scientists sharing their expertise. Some complex biomedical problems require a multidisciplinary vantage point to discover an innovative solution. The proposed programs should address scientific areas relevant to the NIDDK mission including diabetes, selected endocrine and metabolic diseases, obesity, digestive diseases and nutrition, and kidney, urologic and hematologic diseases, as well as new approaches to prevent, treat and cure these diseases, including clinical research. A description of NIDDK scientific program areas can be found [here](#).

Funding: Applications should not request more than \$6.25 MM in direct costs over 5 years

NIH, HHS, NIDDK**NIDDK Program Projects (P01 Clinical Trial Optional)**

Deadline: September 25, 2019

Description: *PAR-18-012:* Invites submission of investigator-initiated program project applications. New biologic knowledge will come from both sole investigators following their vision and from teams of scientists sharing their expertise. Some complex biomedical problems require a multidisciplinary vantage point to discover an innovative solution. The proposed programs should address scientific areas relevant to the NIDDK mission including diabetes, selected endocrine and metabolic diseases, obesity, digestive diseases and nutrition, and kidney, urologic and hematologic diseases, as well as new approaches to prevent, treat and cure these diseases, including clinical research. A description of NIDDK scientific program areas can be found [here](#).

Funding: Applications should not request more than \$6.25 MM in direct costs over 5 years

Pancreatic and Liver**The National Pancreas Foundation****Research Grant**

Deadline: Anticipated January 2019

Description: Supports research funding related to pancreatic diseases. Research must have a direct relevance to the diagnosis and/or treatment of pancreatitis, pancreatic cancer or other pancreas diseases.

Funding: \$50,000 (one year)

American Gastroenterological Association (AGA)**AGA-Boston Scientific Technology and Innovation Pilot Award**

Deadline: Anticipated January 2019

Description: Provides funds for early career and established investigators working in gastroenterology, hepatology or related areas focused on technology and innovation. Projects must focus on medical technologies relevant to the diagnosis or treatment of digestive or liver diseases, including but not limited to using an existing technology for a new application; evaluating clinical and/or patient-reported outcomes associated with a technology; assessing the health economics of a medical technology; studying the impact of appropriate use of technology in clinical practice; or creating and testing a new device. Developing a novel technology that has applications to clinical care and research; Developing a new diagnostic or therapeutic device; Designing/testing a significant improvement to existing technology; or Developing a novel research method technology.

Funding: \$30,000 (one year)

NIH

Mechanisms of Disparities in Chronic Liver Diseases and Cancer

Deadline: April 4, 2019

Description: *PAR-17-150:* The purpose of the initiative is to support multidisciplinary innovative exploratory and developmental research to understand the underlying etiologic factors and the mechanisms that result in disparities in chronic liver diseases and cancer in the US. This FOA utilizes the Research Project Grant (R21) mechanism, and is suitable for early phase, pilot, or exploratory/developmental projects.

Funding: \$275,000 over two years (\$200,000 max per year)

Surgery

General Surgery

The Association for Surgical Education (ASE)

ASE MERG Research Award

Deadline: Anticipated January 2019

Description: Intended to fund a multi-institutional research project. 3 geographically distinct sites that will advance scientific knowledge and aim to improve undergraduate, graduate, or continuing surgical education. For members to conduct new research studies of up to 2 years' duration that focus on a surgical education problem highlighted in the recent needs assessment conducted by the ASE MERG committee. These issues include, but not limited to the assessment of resident competence and/or autonomy, faculty development, milestone integration, intraoperative instruction, and remediation.

Funding: \$10,000 (up to two years)

American Society for Laser Medicine and Surgery, Inc. (ASLMS)

Research Grants

Deadline: Announcement anticipated Fall 2018. Anticipated pre- application January 2019 . Full application anticipated March 2019

Description: Supports basic and clinical research to foster development and use of lasers and other related technologies in medical and surgical applications. Eligible applicants must currently be in postdoctoral or residency training, or have completed training within the last six years prior to application, and are ASLMS members.

Funding: \$75,000 for one year

Society of Surgical Oncology (SSO)

Clinical Investigator Award

Deadline: January 7, 2019

Description: To promote patient-oriented research conducted by surgical oncologists in clinical and translational science. Requesting proposals in which the applicant plays a central role in the conduct of a specific clinical research project. For example a leadership role in a clinical trial, in a prospective cancer outcomes study, or a translational research project related to a prospective clinical trial. The clinical research focus must be hypothesis-driven and must have a direct patient-oriented focus. Clinical trials may be investigator-initiated, industry-driven or organized by a cooperative group. Applicants must be surgical oncologists within 8 years of completion of training and full SSO members for at least 6 months prior to application submission to be eligible for the award.

Funding: \$100,000

International Society for Heart and Lung Transplantation (ISHLT)**Norman E. Shumway Career Development Award**

Deadline: Application opens November 2018. Anticipated application due date January 15, 2019

Description: Aimed to support the rising stars of basic, clinical or translational research at a critical time in their independent research career. The awardees will have already established a track record in the field of heart or lung transplantation, the failing heart or lungs or mechanical circulatory support and will aim to further develop their career in one of these areas.

Funding: \$160,000 (\$80,000 a year for 2 years)

International Society for Heart and Lung Transplantation (ISHLT)**Joel D. Cooper Career Development Award**

Deadline: Application opens November 2018. Anticipated application due date January 15, 2019

Description: Aimed to support the rising stars of basic, clinical or translational research at a critical time in their independent research career. Applicant will have already established a track record in the field of heart or lung transplantation, the failing heart or lungs or mechanical circulatory support and will aim to further develop their career in one of these areas. The applicant and applicant's sponsor/chief must be members of the ISHLT in good standing at the time of application and throughout the period of funding, must have completed post-graduate training (post-doctoral training for scientists or post Board certification/accreditation/staff appointment for clinicians).

Funding: \$160,000 (\$80,000 a year for 2 years)

International Anesthesia Research Society**Frontiers in Anesthesia Research Award**

Deadline: January 31, 2019

Description: The Frontiers in Anesthesia Research Award (FARA) is awarded triennially and is the largest IARS research grant. The FARA fosters innovation and creativity by an individual investigator, funding projects with significant originality and scientific excellence. Projects must have direct relevance to anesthesiology and play a critical role in the scientific evolution of a novel concept. Applicants must demonstrate commitment to research and the potential for leadership.

Funding: \$750,000

NIH**K08-Mentored Clinical Scientist Research Career Development Award**

Deadline: February 12, 2019

Description: The purpose of this program is to prepare clinically trained individuals for careers that have a significant impact on the health-related research needs of the Nation. This program provides support and protected time for an intensive, supervised research career development experience in the fields of biomedical, behavioral, or clinical research, including translational research.

Funding: Determined by FOA

Joan L. and Julius H. Jacobson II**Promising Investigator Award**

Deadline: February 22, 2019

Description: To recognize outstanding surgeons engaging in research, advancing the art and science of surgery, and demonstrating early promise of significant contribution to the practice of surgery and the safety of surgical patients.

Funding: \$30,000

International Anesthesia Research Society**IARS Mentored Research Awards**

Deadline: April 30, 2019

Description: The IARS Awards are intended to support investigations that will further the understanding of clinical practice in anesthesiology and related sciences. The grants are intended to help create future leaders and prepare applicants to apply for independent research funding.

Funding: \$175,000

Society of University Surgeons (SUS)

Junior Faculty Award

Deadline: May – June 2019 (continuous)

Description: For *surgical faculty members* in the United States or Canada in any of the surgical disciplines who have completed a surgical residency or clinical fellowship post-graduate training program to support their research in the basic, clinical/outcomes, or translational surgical sciences.

Funding: \$30,000

Society of University Surgeons (SUS)

Resident-Scholar-Research-Awards

Deadline: May – June 2019 (continuous)

Description: For residents in any of the surgical disciplines doing basic/translational, clinical, health services, or surgical education research. Residents will have completed at least two years of training by start date and agree to spend one year in full-time research with a SUS member.

Funding: \$30,000 1 year

NIH

Global Brain and Nervous System Disorders Research Across the Lifespan (R01)

Deadline: November 7, 2019

Description: Encourages grant applications for the conduct of innovative, collaborative research projects between U.S. and low-and middle-income country (LMIC) scientists, on brain and other nervous system function and disorders throughout life, relevant to LMICs (including neurological, mental, behavioral, alcohol/substance use disorders and spanning the full range of science from basic to implementation research). Scientists in upper middle-income LMICs (UMICs) are eligible to partner with scientists at other LMIC institutions with or without out a US partner. The collaborative research programs expect to contribute to long-term goals of building/strengthening sustainable research capacity in LMICs to address nervous system development, function/impairment and lead to diagnostics, prevention, treatment and implementation strategies.

Funding: Not limited (must reflect the actual needs of the proposed project, up to 5 years) \$75,000 for one year

Plastic Surgery

American Academy of Facial Plastic and Reconstructive Surgery

Fellowship Program

Deadline:

Description: The AAFPRS fellowship program represents the finest postgraduate program in the world for the training of facial plastic and reconstructive surgeons. Eligible physicians may apply for the more than 40 positions available each year. Since its beginning in 1969, the program has prepared more than 900 highly specialized experts to be educators and leaders in facial plastic and reconstructive surgery. These individuals and their directors have performed a tremendous service to the AAFPRS Foundation and the specialty through the development and dissemination of new procedures, improvement of patient care, refinement of surgical techniques, and the promotion of confidence and respect in the specialty.

Prerequisites: Applicants to the Fellowship Program must be physicians who are in or have completed an otolaryngology or plastic surgery residency program accredited by the Accreditation Council for Graduate Medical Education (ACGME) or Royal College of Physicians and Surgeons of Canada (RCPSC) or board-certified in otolaryngology-head and neck surgery or plastic surgery. Applicants must be members of the AAFPRS before submitting a fellowship application. Applicants should not be full-time faculty members holding the rank of assistant professor or higher at the institution where the fellowship will take place. [Download Application](#)

Funding: Unannounced. \$125.00 late fee for applications turned in late

Surgical Technology

American Society for Laser Medicine and Surgery (ASLMS)

ASLMS Research Grant Program

Deadline: Pre application anticipated January 2019. Application anticipated March 1, 2019

Description: Supports research projects designed to foster the development and use of lasers and other related technologies in medical and surgical applications. While the best research projects will be given priority for funding, a concerted effort will be made to award a balance of basic science and clinical research. The primary purpose of the ASLMS Research Grant Program is to conduct research which can be applied to medical and surgical care of patients. Preference will be given to proposed research projects which have a direct implication for medical or surgical applications. Grant funds may be used for all costs associated with the research project. Equipment requests included as part of a proposal will be reviewed thoroughly to determine the necessity of the equipment for the proposed research. Proposals which include equipment requests that are superfluous to the proposed research project will reduce the likelihood that the project will be considered for funding. Indirect costs (IDC or F&A) cannot exceed 10 percent of the direct cost of the project. [Instructions and Guidelines](#)
Funding: \$70,000 for a one-year period

American Society for Laser Medicine and Surgery (ASLMS)

A. Ward Ford Memorial Research Grant

Deadline: Anticipated June 2019

Description: The A. Ward Ford Memorial Research Grant Committee in accepting grant proposals for direct clinical or basic science research investigating current use or potential new applications of laser or other light based therapy. ASLMS supports the initiatives of the A. Ward Ford Memorial Research Grant Committee. Applicants must be enrolled in or have completed an MD residency or PhD post-doctoral training at the time of application, and must be a member or applicant for membership in ASLMS at the time of the award. Information on membership can be found on the ASLMS website. Priority will be given to applicants who are interested in or entering an academic teaching or research position, but all applications will be considered.

[Grant Guidelines](#)

Funding: \$65,000 for one year

Transplantation

International Society for Heart and Lung Transplantation (ISHLT)

Joel D. Cooper Career Development Award

Deadline: January 15, 2019

Description: Aimed to support the rising stars of basic, clinical or translational research at a critical time in their independent research career. Applicant will have already established a track record in the field of heart or lung transplantation, the failing heart or lungs or mechanical circulatory support and will aim to further develop their career in one of these areas. The applicant and applicant's sponsor/chief must be members of the ISHLT in good standing at the time of application and throughout the period of funding, must have completed post-graduate training (post-doctoral training for scientists or post Board certification/accreditation/staff appointment for clinicians).

Funding: \$160,000 (\$80,000 a year for 2 years)

International Society for Heart and Lung Transplantation (ISHLT)

Norman E. Shumway Career Development Award

Deadline: January 15, 2019

Description: Aimed to support the rising stars of basic, clinical or translational research at a critical time in their independent research career. The awardees will have already established a track record in the field of heart or lung transplantation, the failing heart or lungs or mechanical circulatory support and will aim to further develop their career in one of these areas.

Funding: \$160,000 (\$80,000 a year for 2 years)

American Society of Transplant Surgeons (ASTS)

Enhancing Organ Donation and Transplantation

Deadline: January 17, 2019

Description: Funding that encourages transplant surgeons to actively pursue translational research and enables their transition from mentored research under an investigator to an independent investigator. Aimed at increasing efforts to expand organ donation and successfully transplant

more patients and to assist ASTS members and programs to embark upon single or multi-center studies in organ donation and/or transplantation that will have impact on improving the outcomes of transplant patients.

Funding: \$100,000 (\$50,000 per year for two years)

American Society of Transplant Surgeons (ASTS)

Faculty Development Grant

Deadline: January 17, 2019

Description: ASTS/Astellas will provide ASTS Members with research funding in the field of organ transplantation. Designed to support a junior faculty member in the development of transplant research so further funding can be obtained. Applications for this grant will be directed toward discovery and validation of biomarkers of organ function and rejection, analysis of diagnostic and predictive patterns of donor specific alloantibodies, and elucidation of mechanisms and therapy for B cell alloantibody responses

Funding: \$100,000 (\$50,000 per year for two years)

American Society of Transplant Surgeons (ASTS)

ASTS Collaborative Scientist Grant

Deadline: January 17, 2019

Description: ASTS continues its commitment to develop collaborative research between ASTS investigators and qualified established scientists. This grant provides qualified ASTS investigators and their scientific collaborators with research funding in the field of solid organ transplantation.

Funding: \$100,000 (\$50,000 per year for two years)

American Society of Transplant Surgeons (ASTS)

Faculty Development Grant

Deadline: January 17, 2019

Description: ASTS continues its commitment to provide qualified ASTS Members with research funding in the field of organ transplantation. It is designed to support a junior faculty member in the development of transplant research so that further funding can be obtained. This RFA is open to all proposal topics.

Funding: \$100,000 (\$50,000 per year for two years)

Musculoskeletal Transplant Foundation (MTF)

Biologic Extramural Research Grant

Deadline: Anticipated February 2019

Description: The program reflects MTF Biologics' objectives in expanding the scientific knowledge related to allografts, tissue transplantation and biologic reconstruction. MTF is soliciting translational and basic science research proposals and is interested in supporting translational and basic science research to aid in progressing innovative technologies from the bench to the clinic. Proposed studies should focus on novel research in the fields of tissue allograft transplantation, and/or tissue allograft science, novel uses of allografts, allograft derived materials and biologic reconstruction. Studies can be in the fields of orthopaedics, plastic & reconstructive and wound care surgery or novel areas for use of allografts. Seeking applications on the topics below, but other topics related to tissue allograft science and/or biologic reconstruction will be considered. 1. Use of allograft tissues and/or human-derived biologics in tissue engineering, regenerative medicine, or combination products 2. Technologies aimed at improving biologic behavior of allografts, such as viable allografts 3. Novel Uses of HCT/P allografts, including adipose-derived and placental-derived tissues in novel Indications 4. 3D Printing using allograft-derived materials and/or biologics 5. Utilization of precision medicine, molecular biology and/or genomics applications to develop patient-matched allografts Interested applicants can apply to either the Junior Investigator track or the Established Investigator track.

Funding: Junior Investigator \$100,000 For 1 year. Established Investigator \$300,000 Over 3 years

Miscellaneous Research Funding

Arthritis National Research Foundation / American Federation for Aging Research

Research Grant

Deadline: January 18, 2019

Description: Studies of the underlying mechanisms by which aging processes contribute to the development of arthritis. Studies on one or more of the hallmarks of aging that include mitochondrial dysfunction, genomic instability, epigenetic alterations, loss of proteostasis, deregulated nutrient sensing, cellular senescence, stem cell exhaustion, telomere attrition and altered intercellular communication. Applications will utilize cell, tissue and animal model systems or human populations that allow for the study of the aging aspects of the condition of interest.

Funding: \$100,000

NIH

P01 Research Program Projects and Centers

Deadline: January 25, 2019

Description: Supports a broadly based, multidisciplinary, long-term research program, which has a specific objective that involves organized efforts of relatively large groups. Project is usually under the leadership of an established investigator. Supports certain basic resources used by these groups in the program, including clinical components, the sharing of which facilitates the total research effort. Projects supported should contribute or be directly related to the common theme of the total research effort and should demonstrate an essential element of unity and interdependence.

Funding: Determined by FOA

NIH

R01 NIH Research Project Grant Program

Deadline: February 5, 2019

Description: The R01 is the original and oldest grant mechanism used by NIH, it provides support for health-related research and development based on the mission of the NIH. The R01 research plan proposed by the applicant must be related to the stated program interests of one or more of the NIH Institutes and Centers based on their missions. The R01 is an award made to support a discrete, specified, circumscribed project to be performed by the named investigator(s) in an area representing the investigator's specific interest and competencies, based on the NIH mission.

Funding: Determined by FOA

NIH

Mentored Clinical Scientist Research Career Development Award (Parent K08 Independent Clinical Trial Required)

Deadline: February 12, 2019

Description: PA-18-372: The primary purpose of the NIH Mentored Clinical Scientist Research Career Development Awards (K08) program is to prepare qualified individuals for careers that have a significant impact on the health-related research needs of the Nation. This program represents the continuation of a long-standing NIH program that provides support and "protected time" to individuals with a clinical doctoral degree for an intensive, supervised research career development experience in the fields of biomedical and behavioral research, including translational research. This Funding Opportunity Announcement (FOA) is designed specifically for applicants proposing to serve as the lead investigator of an independent clinical trial, a clinical trial feasibility study, or a separate ancillary study to an existing trial, as part of their research and career development.

Funding: Award budgets are composed of salary and other program-related expenses. The total project period may not exceed 5 years.

NIH

Small Research Grant Program (Parent R03 Clinical Trial Not Allowed)

Deadline: February 16, 2019

Description: Supports small research projects that can be carried out in a short period of time with limited resources. The NIH has standardized the R03 application characteristics, requirements, preparation, and review procedures in order to accommodate investigator-initiated (unsolicited) applications. The R03 Parent FOA for investigator-initiated R03 applications can be found at PA-18-488.

Funding: \$100,000 (\$50,000 per year for 2 years)

Doris Duke Charitable Foundation

Deadline: Anticipated March 2019

Description: The Doris Duke Clinical Scientist Development Award provides grants to junior physician scientists to facilitate their transition to independent clinical research careers. Clinical Scientist Development Award

Funding: \$45,000 (3 years)

NIH**P01 - Research Program Projects and Centers**

Deadline: May 25, 2019

Description: Supports a broadly based, multidisciplinary, often long-term research program which has a specific major objective or a basic theme that generally involves organized efforts of relatively large groups, members of which are conducting research projects designed to elucidate the various aspects or components of this objective. Each project is usually under the leadership of an established investigator. The grant can provide support for certain basic resources used by these groups in the program, including clinical components, the sharing of which facilitates the total research effort. A program project is directed toward a range of problems having a central research focus, in contrast to the usually narrower thrust of the traditional research project. Projects supported through this mechanism should contribute or be directly related to the common theme of the total research effort. Projects should demonstrate an essential element of unity and interdependence, i.e., a system of research activities and projects directed toward a well-defined research program goal.

Funding: Determined by FOA

NIH**R01 NIH Research Project Grant Program**

Deadline: June 5, 2019

Description: The R01 is the original and oldest grant mechanism used by NIH, it provides support for health-related research and development. R01s can be investigator-initiated or can be solicited via a Request for Applications. The proposed research plan must be related to the stated program interests of one or more of the NIH Institutes and Centers based on their missions. The R01 is to support a discrete, specified, circumscribed project to be performed by the named investigator(s) in an area representing the investigator's specific interest and competencies.

Funding: Determined by FOA

NIH**K08 Mentored Clinical Scientist Research Career Development Award**

Deadline: June 12, 2019

Description: The purpose of this program is to prepare clinically trained individuals for careers that have a significant impact on the health-related research needs of the Nation. This program provides support and protected time for an intensive, supervised research career development experience in the fields of biomedical, behavioral, or clinical research, including translational research.

Funding: Determined by FOA

NIH**R21 - Exploratory/Developmental Research Grant Award**

Deadline: June 16, 2019

Description: Intended to encourage exploratory/developmental research by providing support for the early and conceptual stages of project development. NIH has standardized the R21 application characteristics, requirements, preparation, and review procedures in order to accommodate investigator-initiated (unsolicited) grant applications. The FOA for investigator-initiated R21 applications can be found at PA-16-161 and articulates the policies and procedures that apply to this grant mechanism.

Funding: Determined by FOA

Deadline: September 25, 2019

Description: Supports a broadly based, multidisciplinary, often long-term research program which has a specific major objective or a basic theme that generally involves organized efforts of relatively large groups, members of which are conducting research projects designed to elucidate the various aspects or components of this objective. Each project is usually under the leadership of an established investigator. The grant can provide support for certain basic resources used by these groups in the program, including clinical components, the sharing of which facilitates the total research effort. A program project is directed toward a range of problems having a central research focus, in contrast to the usually narrower thrust of the traditional research project. Projects supported through this mechanism should contribute or be directly related to the common theme of the total research effort. Projects should demonstrate an essential element of unity and interdependence, i.e., a system of research activities and projects directed toward a well-defined research program goal.

Funding: Determined by FOA

Deadline: October 12, 2019

Description: The purpose of this program is to prepare clinically trained individuals for careers that have a significant impact on the health-related research needs of the Nation. This program provides support and protected time for an intensive, supervised research career development experience in the fields of biomedical, behavioral, or clinical research, including translational research.

Funding: Determined by FOA

Deadline: October 16, 2019

Description: The R03 grant will support small research projects that can be carried out in a short period of time with limited resources. The NIH has standardized the R03 application characteristics, requirements, preparation, and review procedures in order to accommodate investigator-initiated (unsolicited) applications. The R03 Parent FOA for investigator-initiated R03 applications can be found at [PA-18-488](#).

Funding: \$100,000 (\$50,000 per year for 2 years)

Social/Societal Funding Opportunities

Disparities/Diversity

Howard Hughes Medical Institute (HHMI)

Hannah H. Gray Fellows Program

Deadline: Anticipated January 2019

Description: Increasing diversity in biomedical research is the overall goal of this HHMI program. Designed as a transition award, initial funding takes place at the postdoctoral fellowship level and continues through the first four years of independent faculty status. In addition to financial support, this program offers recipients various career development and mentoring opportunities within the HHMI scientific network. Eligible applicants are from gender, racial, ethnic, and other groups underrepresented in the life sciences, including those from disadvantaged backgrounds. Eligible applicants must have also been accepted to join a laboratory as a postdoctoral fellow at a US institution, must have a terminal degree by award start date, and have had no more than one year of postdoctoral research experience at time of application. \$20,000 per year Cflex funds to the institution.

Funding: \$60,000 per year up to 4 years; Postdoc level salary support \$250,000 per year up to 4 years

Deadline: February 16, 2019

Description: PA-17-446: Invites Exploratory/Developmental Research Grant (R21) applications that propose to study the ethical, legal and social implications (ELSI) of human genome research. These applications should propose single or mixed methods studies that break new ground, extend previous discoveries in new directions or develop preliminary data in preparation for larger studies. Of particular interest are studies that explore the implications of new or emerging genomic technologies or novel uses of genomic information.

Funding: No more than \$275,000 in direct costs for the two year project, with no more than \$200,000 in direct costs in a single year.

Robert Wood Johnson Foundation

Harold Amos Medical Faculty Development Program

Deadline: Anticipated March 1, 2019

Description: Applicants are physicians from disadvantaged backgrounds (ethnic, financial, or educational), are US citizens or permanent residents, are now completing or have recently completed their clinical training (those at the assistant professor rank for one or two years may apply), and committed to developing careers in academic medicine. Work should involve improving the health of underserved populations, and working toward understanding and eliminating health disparities. Award covers postdoctoral research with a senior faculty member.

Funding: \$420,000 (over four years)

NIH

Surgical Disparities Research (R01 Clinical Trial Optional)

Deadline: June 7, 2019

Description: PAR-18-288: To support investigative and collaborative research focused on understanding and addressing disparities in surgical care and outcomes, in minority and health disparity populations. While the goal is to better understand and explore effectiveness of clinical intervention approaches for addressing surgical disparities, this initiative will also seek to identify multi-level strategies at the institutional and systems level.

Funding: Not Limited (over 5 years)

NIH

Exploratory Developmental Surgical Disparities Research (R21 Clinical Trial Optional)

Deadline: June 7, 2019

Description: PAR-18-289: to encourage developmental and exploratory research focused on understanding and addressing disparities in surgical care and outcomes, in minority and health disparity populations. Goal is to understand and explore effectiveness of clinical intervention approaches for addressing surgical disparities, while employing multi-level strategies at the institutional and systems level.

Funding: \$275,000 (\$200,000 in any single year, 2-year project)

Women

American Association of University Women

Selected Professions Fellowships

Deadline: January 10, 2019

Description: Selected Professions Fellowships are awarded to women who intend to pursue a full-time course of study at accredited U.S. institutions during the fellowship year in one of the designated degree programs where women's participation traditionally has been low.

Funding: \$18,000

Kosciuszko Foundation

Dr. Marie E. Zakrzewski Medical Scholarship

Deadline: January 15, 2019

Description: The scholarship is awarded each year to a young woman of Polish ancestry for first, second, or third year of medical studies at an accredited school of medicine in the U.S. This scholarship is open to female U.S. citizens of Polish descent and Polish citizens with permanent residency status (green card holders) in the U.S. who are entering first, second or third year of studies towards an M.D. degree. A minimum GPA of 3.0 is required. Selection is based on completeness, recommendations, academic excellence and achievements, interests and motivation, the applicant's essay, interest in Polish subjects or involvement in the Polish American community. Financial need is taken into consideration.

Funding: \$3,500

L'Oréal USA

L'Oréal USA for Women in Science Fellowships

Deadline: Anticipated February 2019

Description: Must have a conferred PhD and have started in a postdoctoral research position Must maintain the status of postdoctoral researcher throughout the fellowship year. Must be American born, naturalized citizen or permanent resident. Must be affiliated with a U.S. based academic or research institution

Must plan to conduct their postdoctoral studies and research in the U.S. Must be involved in basic research in the life and physical/material sciences, engineering & technology, computer science and mathematics. Cannot be in a faculty position Must have a commitment to supporting women and girls in science and participate in at least twenty hours of activity in *support of women* and girls in science.

Funding: Up to \$60,000

American College of Chest Physicians (ACCP) CHEST Foundation

Research Grant in Women's Lung Health

Deadline: Anticipated April 9, 2019

Description: Applications must address important and timely issues surrounding women's lung health, including but not limited to diseases such as COPD and lung cancer.

Eligibility- CHEST membership at time of application.

- Applicants must be licensed physicians. Physicians-in-training (residents or fellows), other health-care professionals, or clinical researchers with relevant experience will also be accepted. Although applicants may be at later career stages, special consideration will be given to young investigators and applicants in early stages of their careers.

- Teams are encouraged to apply but must have a representative to serve as the Principal Investigator who will apply as an individual and will receive recognition if awarded.

- IRB approval must be sought/received for all projects to assure protection of subjects.

- Not-for-profit organizations and institutions are eligible to apply.

Funding: \$10,000 (for one year)

Association of Women Surgeons (AWS) Foundation

Patricia Numann Medical Student Award

Deadline: May 15, 2019

Description: The mission of the Patricia Numann Medical Student Award is to encourage and support an outstanding female medical student who is pursuing a career in surgery. The recipient of this Award is given:

- Two complimentary dinner tickets to the AWSF Awards Dinner on Monday, October 22 in Boston, MA.

- An Award Certificate recognizing the winner's accomplishments, presented at the Awards Dinner.

- Reimbursement for travel and lodging up to \$1,000 (Travel and lodging expenses may be used to attend both the AWS events)

Funding: Upper \$1,000

Outcomes Research/PCORI/Improved Patient Care Opportunities

Mayo Clinic CCaTS, the University of Minnesota CTSI, with the Minnesota Partnership for Biotechnology and Medical Genomics (MNP)

Deadline: *LOI:* February 2019; *Submission:* April 2019

Description: Supporting programs open to a broad audience that benefit patients, the scientific or medical community, and/or public health providing funding for general research, translational research, other research or development projects, and/or other initiatives of research organizations, labs, and academic institutions. Collaborations, clinical trials and associated correlative research involving or undertaken in relation to Genentech or Roche products (whether investigational and/or approved for other uses) are excluded from this type of support.

Funding: See FOA

Deadline: May 16, 2019; *LOI:* February 13, 2019

Description: PCORI seeks to fund studies that provide evidence to help guide decisions about how to eliminate disparities in health and health care, as well as how to ensure that people receive care according to their needs and have the opportunity to achieve the best possible health outcomes. PCORI invites applications for clinical comparative effectiveness research (CER) designed to evaluate and compare interventions intended to reduce or eliminate disparities in health and health care. Patients, caregivers, and clinicians often lack the appropriate evidence required to make the best choices regarding prevention, screening, diagnosis, monitoring, or treatment. Applications to the Addressing Disparities Program should focus on overcoming barriers that may disproportionately affect health outcomes or focus on identifying best practices for reducing disparities in target populations (racial and ethnic minority groups; low-income groups; residents of rural areas; individuals with special healthcare needs, including individuals with disabilities; patients with low health literacy/numeracy and/or limited English proficiency; and lesbian, gay, bisexual, and transgender [LGBT] persons).

Funding: \$2 million (small studies), \$5 million (large studies); up To \$8 million; Max. Project Period 3 years (small studies), 4 years (large studies)

NIH, HHS

Mechanisms of Disparities in Chronic Liver Diseases and Cancer (R21)

Deadline: April 4, 2019

Description: *PAR-17-150:* Supports multidisciplinary innovative exploratory and developmental research to understand the underlying etiologic factors and the mechanisms that result in disparities in chronic liver diseases and cancer in the US. This FOA utilizes the Research Project Grant (R21) mechanism, and is suitable for early phase, pilot, or exploratory/developmental projects. Investigators who are interested in proposing larger scale, later phase projects based upon substantial preliminary data should submit applications to the companion FOA PAR-17-151 of identical scientific scope which uses the NIH (R01) grant mechanism.

Funding: \$275,000 (no more than \$200,000 per year)

NIH, HHS

Health Services Research on Minority Health and Health Disparities Surgical Disparities Research

Deadline: April 11, 2019

Description: *PAR-18-287:* To encourage innovative exploratory and developmental health services research to improve minority health and/or reduce health disparities at the health care system-level as well as within clinical settings. Research encouraged under this FOA includes examination of health care services in health care systems such as private and public health insurance plans; physician groups; hospitals, nursing homes and assisted living facilities; academic medical centers; integrated delivery systems; and criminal justice settings. Projects may address health services pertaining to the treatment of particular health conditions, multiple health conditions, specific segments of the population, or more general indicators (e.g., access to primary care services, etc.) that may not be condition-specific. Projects may include observational/descriptive, simulation, or interventional studies and may involve primary data collection and/or secondary analysis of existing datasets. It is expected that all projects will involve the use of relevant health system-level data in some way. Projects that also use patient-reported data are encouraged, but projects that rely exclusively on patient-reported data are not a programmatic priority for funding under this FOA. Projects should include a focus on one or more NIH-designated health disparities populations. The focus is on system-wide health services research that encompasses the diversity of individuals served within these systems. It is expected that projects will include patient or participant samples that are representative of the population served by the particular health care system(s). Projects that focus on individual clinics or other treatment settings in isolation of the larger system(s) in which they are embedded are not a programmatic priority for funding under this FOA; examples of such projects include but are not limited to the following:

- Projects that recruit participants from health care systems but do not involve the examination of the organization, operation, or service delivery of those systems.
- Projects that test interventions, procedures, or service delivery approaches in a single health care setting, such an individual clinic. This applies to multi-site studies as well, if the sites reflect individual clinical sites rather than the larger health care systems to which they belong.

- Projects that include a single hospital may be considered if hospital-wide services or practices are examined (e.g., the incorporation of automated patient/provider reminders in Electronic Health Records) rather than one particular clinic or service within the hospital.

Funding: \$275,000 (no more than \$200,000 per year)

Education

Surgical Education

The Association for Surgical Education (ASE)

ASE MERG Research Award

Deadline: Anticipated January 2019

Description: Intended to fund a multi-institutional research project. 3 geographically distinct sites that will advance scientific knowledge and aim to improve undergraduate, graduate, or continuing surgical education. For members to conduct new research studies of up to 2 years' duration that focus on a surgical education problem highlighted in the recent needs assessment conducted by the ASE MERG committee. These issues include, but not limited to the assessment of resident competence and/or autonomy, faculty development, milestone integration, intraoperative instruction, and remediation.

Funding: \$10,000 (up to two years)

Spencer Foundation

Small Research Grants

Deadline: February 2019

Description: Funds academic work that contributes to the improvement of education, broadly conceived. Previously funded work has spanned over a range of topics and disciplines, including education, psychology, sociology, economics, history, and anthropology, and employ a wide range of research methods.

Funding: \$50,000

Regenerative Medicine Minnesota

Education Program Grant

Deadline: (Pending) February 2019

Description: RMM is requesting proposals for programs that: 1) Improve student knowledge in the foundations of regenerative science and medicine. 2.) Interest, train, or retain students in careers related to regenerative medicine and science, especially from underrepresented, rural, or returning veterans. Awards must be made to an existing institution and not directly to the program director.

Funding: \$75,000 (one year)

The Foundation for Surgical Technology

Academic Surgical Technology Scholarships

Deadline: March 15, 2019

Description: The Foundation is committed to helping surgical technology students pay for tuition or pay off their educational debt. If you have the desire and ability to pursue a career in the operating room and need financial assistance, you should apply for a scholarship. To be eligible, you must demonstrate superior academic ability, have a need for financial assistance and be enrolled in an accredited program, thus making you eligible to sit for the national certification exam through NBSTSA. [Application](#)

ASE, ASE Foundation

Center for Excellence in Surgical Education, Research and Training (CESERT) Grants Program

Deadline: Anticipated June 15, 2019

Description: Supports excellence and innovation in surgical education research. Outlined grant-making priorities: *Innovations in Surgical Education that Improve Patient Care Research projects that aim to develop and test content methods that yield improvements in patient care in

surgery. *Innovations in Performance Evaluation and Assessment. Projects that aim to develop and validate new methods of performance assessment across competency domains required for quality patient care. *Innovations in Student Programs. Projects that develop and improve surgical education programs.*Innovations in Resident and Faculty Development: Research projects that aim to develop and enhance professional development, retention, and reward of faculty and residents who teach and mentor learners in surgery. *Innovations in Educational Administration. Research projects that aim to develop and test new methods, resources and programs for improving performance and accountability relevant to the administration of surgical education.*Innovations in Robotic Assisted Surgical Education.

Funding: \$25,000 (1-2 year projects)

American Surgical Association Foundation Fellowship

ASAF Fellowship Research Award

Deadline: Anticipated June 15, 2019

Description: To support and encourage gifted young surgeons who choose careers in investigation and academic surgery. Fellows will be supported in an initial year; the Fellowship can be renewed by review of the Fellowship Committee for a succeeding one-year period. During the Fellowship years, the Awardee should have a primary role in research and teaching. It is expected that the Fellow will have a faculty position following the Fellowship in the Department of Surgery of the sponsoring institution.

Funding: \$75,000 per year

Medical & Research Education

Spencer Foundation

Small Research Grants

Deadline: November 1, 2018; February 2019

Description: Aims to fund academic work that will contribute to the improvement of education, broadly conceived.

Grant funding has spanned, a range of topics and disciplines, including education, psychology, sociology, economics, history, and anthropology, and they employ a wide range of research methods.

Funding: \$50,000

Emergency Medicine Foundation and Society for Academic Emergency Medicine Foundation

Medical Student Research Grant

Deadline: Anticipated February 16, 2019

Description: Jointly award stipends to encourage medical students to engage in and to be exposed to *emergency medicine research*. Eligibility: An application for an EMF/SAEMF Medical Student Research Grant may be made by either a specific medical student or by an Emergency Medicine residency program wishing to sponsor a medical student research project.

Funding: \$5,000

CHEST Foundation

Community Service Grant Honoring D. Robert McCaffree, MD, Master FCCP

Deadline: Anticipated April 9, 2019

Description: In 1998, D. Robert McCaffree, MD, Master FCCP, created the Governors Community Service Awards during his term as the President of the American College of Chest Physicians. Support is given to nonprofit and nongovernmental agencies in which health-care professionals generously donate their time and medical expertise. The grant is intended to support significant community-based projects worldwide that demonstrate a clear positive impact on the lung health of a community and have the potential for long-term sustainability and reproducibility.

Projects may focus on the following areas:

- K-12 Student Education
- Patient/Caregiver Education
- Community Health Education/Awareness
- Health-care Worker Education

- Clinic/Medical Center Training/Education

This grant supports volunteer service in existing projects, expansion of existing projects, or development of a new activity.

Funding: \$2,500 = \$15,000 (for one year)

NIH

NINDS Research Education Opportunities

Deadline: August 27, 2019

Description: *PAR-18-782:* To encourage applications for the initiation or continuation of nationally-available neuroscience research education programs that will significantly advance the mission of NINDS. The primary focus of programs submitted under this FOA should be on intensive hands-on experience that will provide research experience, an in depth understanding of techniques and analytic approaches and expertise that is only possible with a nationally-organized program. Within the context of gaining expertise primarily through hands-on experience, programs may include immersive coursework and expert discussion when appropriate. Programs appropriate for this FOA must include participants from a nationally recruited cohort, selected through an application process by a leadership committee.

Funding: \$250,000

Global Education

Johnson & Johnson

Global Health Scholars Program

Deadline: Anticipated December 2019

Description: 6-week international rotation. Rotation sites for 2018-2019: South Africa, Uganda, Rwanda, and Colombia. Career MD or Resident.

Funding: Not Available

International Society of Nephrology

ISN Educational Ambassadors

Deadline: Continuous

Description: Aims at advancing *nephrology* in the developing world through very concrete hands-on training programs. The program provides ISN members and younger nephrologists with an invaluable opportunity for personal involvement in the society's educational programs while enhancing the sense of global solidarity and awareness in the renal world. Emerging centers who require the visit of an expert can either suggest someone they know already or ask the ISN Headquarters to match their request with an available ISN Educational Ambassador qualified in the field of training required. ISN supports the Educational Ambassador to deliver high quality and relevant training for a period of 1-4 weeks. Applications are accepted all year long, provided that you finalize your application at least 3 months in advance. Reasonable expenses related to travel, accommodation, and cost of living are reimbursed by ISN once the Educational Ambassador has returned to his/her home institution (via proven expenses). Host institutions are however expected to provide financial contributions towards subsistence expenses (e.g. local transportation, daily meals and/or accommodation) for the invited ISN ambassadors. ISN will cover for Educational Ambassador:

- Coach class airfare or train travel (reservations should be made at least 21 days in advance). Transfers between home, terminal and hotels (please provide receipts).

- Auto mileage at \$0.535/mile (0.34/KM), tolls and parking

- Normal visa fees

- Tips related to above services

- Hotel and accommodation expenses (although these can be taken care of by the host institution)

- Meal expenses (although these can be taken care of by the host institution).

- [Guidelines](#)

Independent Medical Education

Novartis

Description: Novartis Office of Grants and Education (NOGE) and the Novartis Oncology Office of Grants and Education (OGE) supports high quality educational programs for healthcare professionals that will improve patient care and which are fully compliant with all legal, regulatory and Novartis guidelines. Consistent with Federal Law and ethical standards under which Novartis Pharmaceuticals Corporation conducts business, grants must never be linked to prescribing, purchasing, formulary status or reimbursement. Any grant requests for activities taking place within the U.S., or including U.S.HCPs as participants must be submitted to NOGE/OGE for review and consideration. As a commitment to improving patient care, NOGE and OGE will evaluate educational grant requests that are independent of commercial bias and non-promotional in nature. Educational grants can be requested to support live events, web-based education, or enduring medical educational material. NOGE and OGE will accept grant requests for professional medical education programs from Academic medical centers, medical universities
NOGE will evaluate grant requests for support of Research Fellowships(for Residents and Fellows) submitted by professional medical associations/societies and medical institutions. Fellowship award recipients should not have already been chosen. Oncology (OGE) will accept requests for funding of Professional Medical Sponsorships which include fellowships, research or merit awards, non educational closed research meetings, and professional society membership dues.
(Components of a Complete Grant Request (General Criteria for Grants) Request is submitted at least 60 days prior to program start date)

Pfizer

Healthcare Charitable Contributions 2018 Application Periods and Clinical Areas of Interest

Deadline: *Application Cycle:* Mar 1, 2018 - April 15, 2018; June 1, 2018 - July 15, 2018; September 1, 2018 - September 30, 2018

Description: For purposes of Pfizer's funding of external, independent, not-for-profit organizations, programs eligible for Healthcare Charitable Contributions are limited to the following: 1) patient education, including health screening; 2) patient advocacy for disease awareness, and 3) patient access to care (e.g., transportation costs).

Ethicon

Education Grant Reference Guide

Description: Ethicon provides education grants to support third-party medical education programs for U.S.-Based Health Care Professionals and Entities (HCPEs), this includes accredited and non-accredited programs that relate to disease states, conditions, and treatments relevant to company interests. Grants may be monetary, product in kind, or both. Each request is individually evaluated for compliance with education grant criteria, available budget and mission.

Bristol-Myers Squibb Independent Medical Education (IMEs)

Monitor for current RFP's

Description: To advance excellence in global healthcare through expertise in medical education and strategic support of evidence-based educational activities in Bristol-Myers Squibb disease areas of focus that measure improvements in professional competence, performance, and patient outcomes. Accepts applications from organizations with a health-related public mission and/or patient focus, hospitals or other similar healthcare facilities, community health centers, medical or other professional societies. [Guidelines](#)

Teleflex

Medical Education Grant Request Form

Description: Teleflex is committed to supporting educational endeavors that are consistent with our mission to improve health outcomes. Medical education grants for the following categories: Continuing Medical Education programs presented by accredited providers, Education programs for Health Care Professionals, Medical Society Sponsored programs. Guidelines for Medical Education Grants: Educational focus, Independence, Balance, Broad Audience. [Research Grant and Support Request Form](#)

Astellas - IME

Independent Medical Education

Description: Supports two types of grants, including: Spontaneous Submissions. *Professional continuing medical education, which may or may not integrate patient education, that is high-quality, unbiased, evidence-based, and independently developed. *Independent scientific and career development awards administered by national level professional medical associations and organizations. Periodically, Astellas posts Calls for Grant Applications. Astellas is currently accepting applications in the following therapeutic areas: Cardiology – Medical Imaging, Transplantation/Immunology, Infectious Disease – Fungal and CMV, Oncology – AML and Prostate Cancer, Urology – Over Active Bladder

Sanofi US

Deadline: Continuous

Description: Sanofi US is committed to funding high quality educational activities and materials in the therapeutic areas of interest to the company that have the potential to improve patient care and health outcomes. The purpose of an educational grant is to support an activity that encourages an educational interchange with respect to available scientific and medical information. Educational activities may or may not be accredited. Grants may be given for live educational activities, as well as educational publications and other types of enduring materials, provided that the activities or materials are advertised and open to a broad audience beyond members of the requesting institution. Fellowships or career development awards may be considered in limited circumstances. https://sgrants.envisionpharma.com/vt_sgrants/

INSMED

Download Call for Grants

Description: Funding to support local and regional independent education and is interested in receiving grant requests that align with the specifications outlined below. *Therapeutic Area: Non-Cystic Fibrosis Nontuberculous Mycobacterial Lung Disease:* Educational format & scope CME/CE accredited local and regional activities organized by hospitals, academic medical centers, or medical societies/chapters. Accepted on an ongoing (rolling) basis. Support is available for multiple programs planned for 2017 and 2018.

Funding: \$50,000

AmGen

Independent Medical Education

Deadline: Continuous

Description: Amgen supports IME, which is a professional education given by accredited medical education providers who design and implement programs totally independent of any Amgen influence, as defined by standards such as the Accreditation Council for Continuing Medical Education ("ACCME") guidelines, the FDA's Guidance: Industry Supported Scientific and Educational Activities, and the PhRMA Code. Funding requests including for live presentations, written enduring materials, online courses, and conference symposia from organizations (e.g. hospitals, universities, societies, medical-education vendors) will be reviewed and assessed in conjunction with Amgen's goal to help physicians and other healthcare professionals to obtain information and insights that contribute to the improvement of patient care and the advancement of medicine. [Link to online application](#)

Boston Scientific

Description: Provides financial and product support to third-party educational conferences that further medical and scientific knowledge. We believe that such programs are critical to advancements in the medical community, and we support a wide range of programs at the local, regional and national level. We respect the Standards for Commercial Support of Continuing Medical Education as published by the Accreditation Council for Continuing Medical Education (ACCME) and as such will not seek to control the content or management of third-party programs (for example, selection of topics, faculty, and attendees). Also, our support of a program will not depend on the program sponsor's selection of particular topics, faculty or attendees. We may provide grants to support the following types of educational programs: Institutional, national, regional or local continuing medical education conferences and professional meetings "Grand rounds" presentations and patient group (Angio Club, Patient Advocacy) meetings. Publication or rebroadcast of a conference program (in booklet or pamphlet form, over the Internet, etc.) Educational program grant and exhibit applications should be submitted, reviewed and approved as two separate requests. If your conference or educational event is not accredited by one of the five accreditation organizations listed below, Boston Scientific -and report under the U.S. Physician Payment Sunshine Act,

the amount of Boston Scientific funds your organization pays to U.S. physicians serving as faculty at your conference, including the identities of those physicians. The five accreditation organizations are: Accreditation Council for Continuing Medical Education, American Academy of Family Physicians, American Dental Association's Continuing Education Recognition Program, American Medical Association American Osteopathic Association [Link to Submit Application](#)

DePuy Synthes

Education Grants

Description: Supports educational programs such as continuing medical education (CME) events hosted by accredited providers, non-CME events that do not permit "off-label" discussion of DePuy Synthes Companies products, tuition/travel grants for physicians in training (Fellows and residents), grand rounds and journal clubs. Each request is individually evaluated for compliance with education grant criteria, available budget and alignment with the Company's mission. Education grants are not contingent upon the use, purchase, or recommendation of DePuy Synthes Companies products. For a comprehensive review of the education grant request process, please review the DePuy Synthes Companies: [Education Grant Reference Guide](#) Education grants support third-party medical education programs for U.S.-Based Health Care Professionals and Entities (HCPEs), including accredited and unaccredited programs, that relate to disease states, conditions, and treatments relevant to Company's interests. [Fellowships Click here to apply for grant](#)

Boehringer Ingelheim Pharma (BIPI) & Lilly USA, LLC

Description: A BIPI/Lilly medical education grant is designed to support independent medical education for healthcare providers and patients that may translate to better management of disease and improvement in patient safety and population health. Grant applications must be submitted no less than 60 days prior to the program start date. Educational Objectives - Diabetes Improve clinicians' understanding of the current guidelines and scientific evidence supporting individualized treatment and goals for Type 2 Diabetes and foster clinicians' understanding of the barriers to care and how to address them, helping patients meet treatment goals. Enhance clinicians' understanding of the benefit/risk profile of novel Type 2 diabetes therapies with supporting scientific and clinical evidence. Enhance clinicians' awareness and knowledge of the evidence-based treatment options to reduce macrovascular (stroke, myocardial infarction, heart failure) disease and nephropathy in Type 2 diabetes patients. To help improve the insulin experience, increase clinicians' understanding of barriers faced by people with diabetes including the 1) insulin initiation experience 2) adherence and 3) persistence as well as the impact of these barriers on outcomes and appropriate strategies, including emotional support. [Link to Application](#)

Global Funding Opportunities

International Anesthesia Research Society

Frontiers in Anesthesia Research Award

Deadline: January 31, 2019

Description: The Frontiers in Anesthesia Research Award (FARA) is awarded triennially and is the largest IARS research grant. The FARA fosters innovation and creativity by an individual investigator, funding projects with significant originality and scientific excellence. Projects must have direct relevance to anesthesiology and play a critical role in the scientific evolution of a novel concept. Applicants must demonstrate commitment to research and the potential for leadership.

Funding: \$750,000

American Association for the Surgery of Trauma (AAST)

Research & Education Scholarships

Deadline: February 1, 2019. Annual opportunity

Description: To advance the field of acute care surgery, and improve the care of critically ill surgical patients, by fostering research, education, and professional development in an environment of fellowship and collegiality, the AAST supports young investigators with research scholarships to solicit research applications from early career investigators proposing basic science, translational, or clinical studies to advance trauma, surgical critical care, and emergency general surgery care. Provides funding for early investigators to complete a research project, which will serve as the

basis for future grant applications and to launch the applicants' academic careers. Pilot projects, projects seeking exclusively preliminary data, or "proof of concept" projects will only be considered if the applicant provides sound scientific foundation for the proposal. **Projects centered on Global Surgery/Trauma will be considered** if found to be of sufficient merit and are scientifically sound.

Funding: \$50,000

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Funding: \$50,000

The National Academies of Sciences, Engineering, and Medicine

The U.S. - Egypt Science and Technology Joint Fund

Deadline: Anticipated March 2019

Description: PAR-18-540: To provide support and protected time (three to five years) to advanced postdoctoral U.S. research scientists and recently-appointed U.S. junior faculty (applicants must be at least two years beyond conferral of doctoral degree) for an intensive, mentored research career development experience in a low- or middle-income country (LMIC), as defined by the World Bank leading to an independently-funded research career focused on global health. This FOA invites applications from any health-related discipline who propose career development activities and a research project that is relevant to the health priorities of the LMIC under the mentorship of LMIC and U.S. mentors.

Funding: up to \$75,000 per year toward salary & up to \$30,000 toward research development costs. Project period 3-5 years

Doris Duke Charitable Foundation

International Clinical Research Fellowship

Deadline: March 2019; *Pre-Proposal:* November 2018

Description: Provides *fellowships for U.S.-based medical students* to take a year out of school to conduct mentored clinical research in developing countries. Clinical research requires a unique blend of medical and research skills. The program was designed to support this blending of skills by giving medical students an outstanding clinical research experience in global health while they are in the midst of developing their medical proficiency. Goal of this program is to develop the next generation of clinical investigators working in global health.

Funding: \$30,000 (annual stipend)

NIH/Fogarty International Center (FIC)

International Research Scientist Development Award (K01) Independent Clinical Trial Required

Deadline: March 7, 2019

Description: PAR-18-540: To provide support and protected time (three to five years) to *advanced postdoctoral U.S. research scientists and recently-appointed U.S. junior faculty* (applicants must be at least two years beyond conferral of doctoral degree) for an intensive, mentored research career development experience in a low- or middle-income country (LMIC), as defined by the World Bank leading to an independently-funded research career focused on global health. This FOA invites applications from any health-related discipline who propose career development activities and a research project that is relevant to the health priorities of the LMIC under the mentorship of LMIC and U.S. mentors.

Funding: Up to \$75,000 per year toward salary and up to \$30,000 toward research development costs. Project period 3-5 years

International Research Scientist Development Award (IRSDA)

K01 - Independent (No Clinical Trial)

Deadline: March 7, 2019

Description: PAR-18-539-To provide support and protected time (three to five years) to advanced postdoctoral U.S. research scientists and recently-appointed U.S. junior faculty (applicants must be at least two years beyond conferral of doctoral degree) for an intensive, mentored research career development experience in a low- or middle-income country (LMIC), as defined by the World Bank (<http://data.worldbank.org/about/country-classifications/country-and-lending-groups>, including "low-income," "lower-middle-income," and "upper-middle-income" countries) leading to an independently-funded research career focused on global health. This FOA invites applications from postdoctoral research scientists and junior faculty from any health-related discipline who propose career development activities and a research project that is relevant to the health priorities of the LMIC under the mentorship of LMIC and U.S. mentors. This FOA is designed specifically for applicants proposing research that does not involve leading an independent clinical trial, a clinical trial feasibility study, or an ancillary study to a clinical trial. Applicants to this FOA are permitted to propose research experience in a clinical trial led by a mentor or co-mentor.

Funding: up to \$75,000 per year toward salary & up to \$30,000 toward research development costs. Project period 3-5 years

International Anesthesia Research Society

IARS Mentored Research Awards

Deadline: April 30, 2019

Description: The IARS Awards are intended to support investigations that will further the understanding of clinical practice in anesthesiology and related sciences. The grants are intended to help create future leaders and prepare applicants to apply for independent research funding.

Funding: \$175,000

NIH Planning Grant for Global Infectious Disease Research Training Program (D71) International Research Training Grants

Deadline: July 25, 2019

Description: PAR-17-058: Encourages applications for a planning grant from institutions in low-and middle-income countries (LMICs) to design a Global Infectious Disease Research Training Program in collaboration with U.S. institutions. The application should propose a collaborative process to design a training program that will strengthen the capacity of the LMIC institution to conduct infectious disease research. Planning grants should describe a detailed vision for a research-training program that focuses on a major endemic or life-threatening emerging infectious disease, neglected tropical disease, infections that frequently occur as a co-infection in HIV infected individuals or infections associated with non-communicable disease conditions of public health importance in LMICs. Companion Funding Opportunity PAR-17-057 D43 International Research Training Grant

Funding: Limited to \$46,000

Maximum project period is 1 year

NIH Global Brain and Nervous System Disorders Research Across the Lifespan (R01)

Deadline: November 7, 2019

Description: Encourages grant applications for the conduct of innovative, collaborative research projects between U.S. and low-and middle-income country (LMIC) scientists, on brain and other nervous system function and disorders throughout life, relevant to LMICs (including neurological, mental, behavioral, alcohol/substance use disorders and spanning the full range of science from basic to implementation research). Scientists in upper middle-income LMICs (UMICs) are eligible to partner with scientists at other LMIC institutions with or without out a US partner. The collaborative research programs expect to contribute to long-term goals of building/strengthening sustainable research capacity in LMICs to address nervous system development, function/impairment and lead to diagnostics, prevention, treatment and implementation strategies.

Funding: Not Limited (must reflect the actual needs of the proposed project, up to 5 years)

Deadline: Anticipated December 2019

Description: 6-week international rotation. Rotation sites for 2018-2019: South Africa, Uganda, Rwanda, and Colombia. Career MD or Resident.

Funding: Not Available