



PRIVATE FUNDING OPPORTUNITIES: DEC 29, 2017

Please contact Corporate & Foundation Relations in the Office of Development at devcfr@mg.harvard.edu if you wish to submit a proposal in response to any of these opportunities. Note that proposals are still routed through the standard InfoEd/Research Management process.

Please be aware that any grant that brings in less than **15% in indirect costs (IDC)** will need to be supplemented up to the 15% equivalent by existing investigator or departmental sundry funds. Resolution of this issue must occur prior to submitting a proposal. Training fellowships from foundations, public charity, and non-profit organizations are excluded from this minimum IDC requirement.

1. Debbie's Dream Foundation-AACR Gastric Cancer Fellowship, American Association for Cancer Research (AACR)

The Debbie's Dream Foundation-AACR Gastric Cancer Research Fellowships represent a joint effort to encourage and support postdoctoral or clinical research fellows to conduct gastric cancer research and to establish a successful career path in this field. The research proposed for funding may be basic, translational, clinical, or epidemiological in nature and must have direct applicability and relevance to gastric cancer. Projects may focus on any form of gastric cancer.

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Investigators currently or previously holding the rank of instructor, adjunct professor, assistant professor, research assistant professor, the equivalent or higher are not eligible. Qualified researchers are invited to apply for an AACR Career Development Award.

Award Amount: Up to \$55,000 for 1 year

Indirect Costs: None

Application Deadline: Jan 25, 2018

Website: <http://www.aacr.org/Funding/Pages/Funding-Detail.aspx?ItemID=15>



Do you want to learn more about identifying external funding opportunities? See [ECOR's website](#) for information on the funding opps database, **COS Pivot** or contact Amy Robb <arobb@mg.harvard.edu> to schedule an individual consultation or group training session.

2. Annual Investigator Initiated Research (IIR) Grants, Anesthesia Patient Safety Foundation (APSF)

IIR Grants are APSF's primary grant program that supports research directed towards enhancing anesthesia patient safety. Potential areas of research include a wide variety of patient safety topics.

Award Amount: \$150,000 paid over 2 years

Indirect Costs: 15%

LOI Deadline: Feb 12, 2018

Website: <http://www.apsf.org/grants.php>

3. Young Investigator Award (YIA), Children's Tumor Foundation (CTF)

The Children's Tumor Foundation (the Foundation) is focused on ending neurofibromatosis (NF) through research. Since 1978 the Foundation has committed over \$35M to NF research spanning from bench to bedside. The Young Investigator Award (YIA) is the Foundation's longest running funding mechanism and remains a cornerstone of the Foundation's research portfolio. For over 25 years, the YIA program has provided support for pre- and post-doctoral researchers pursuing careers in NF research. Research must be focused on an aspect of NF1, NF2 or schwannomatosis, which may include basic, translational or clinical research.

Award Amount: \$32,000-\$108,000

Indirect Costs: 10%

Pre-Application Deadline: Jan 8, 2018

Website: <http://www.ctf.org/research/awards-applications#yia>

4. Research Fellowships, Cooley's Anemia Foundation

The Foundation invites national and international clinical and basic science investigators (postdoctoral or junior faculty) to apply for its prestigious fellowship program. Applications should be focused on the understanding or treatment of thalassemia or a complication that is related to thalassemia. The areas of interest include, but are not limited to, studies of globin gene regulation, globin gene transfer and expression, fetal hemoglobin production, hematopoietic stem cell research, bone marrow transplantation, iron chelation and iron overload, endocrine and cardiac disorders in thalassemia, and transfusion therapy and its complications.

Fellowships are awarded to the medical institutions where the research is to be undertaken; thus, each application must be approved by and administered through the appropriate administrative representative at the institution. Assurance must be given that adequate laboratory facilities exist and are available to conduct the research project and, in case of investigations involving human subjects, that the project has been reviewed and approved by

the appropriate committee or governing body on human research. The research may not be conducted at a for-profit laboratory.

Award Amount: Up to \$65,000 paid over 2 years

Indirect Costs: 10%

Application Deadline: Feb 5, 2018

Website: <http://www.thalassemia.org/2018-mrfg/>

5. Clinical Research Mentorship, Doris Duke Charitable Foundation (DDCF)

The Clinical Research Mentorship program provides previously funded Doris Duke investigators the opportunity to foster the next generation of clinical researchers by mentoring a medical student for one year.

Past and present principal investigators on medical research grants from the Doris Duke Charitable Foundation (DDCF) identify a medical student to mentor for one year and then apply as a team. Alternatively, medical students identify a qualifying DDCF principal investigator and they apply together. In either case, the DDCF principal investigator must be the applicant.

Award Amount: \$70,400 including \$30,000 student stipend

Indirect Costs: 10%

Application Deadline: Jan 9, 2018

Website: <http://www.ddcf.org/what-we-fund/medical-research/goals-and-strategies/encourage-and-develop-clinical-research-careers/clinical-research-mentorship/?id=1618>

6. Mentored Research Training Grants (MRTG), Foundation for Anesthesia Education and Research (FAER)

Mentored Research Training Grants help anesthesiologists develop the skills, preliminary data for subsequent grant applications and research publications needed to become independent investigators.

The MRTG is a two-year, primary investigator award (no co-investigators) that provides funding to faculty members who have completed their core anesthesiology residency training within the past 10 years. The proposed project must be in basic science, clinical or translational, or health services research.

Award Amount: \$175,000 paid over 2 years

Indirect Costs: None

Application Deadline: Feb 15, 2018

Website: <http://www.asahq.org/faer/researchandeducation/mentoredresearchtraininggrants>

7. Research Fellowship Grant (RFG), Foundation for Anesthesia Education and Research (FAER)

Research Fellowship Grants are intended to provide anesthesiology residents and fellows with the opportunity to obtain significant training in research techniques and scientific methods.

Award Amount: \$75,000 for 1 year

Indirect Cost: None

Application Deadline: Feb 15, 2018

Website: <http://faer.org/research-grants/research-fellowship-grant/>

8. Research in Education Grants (REG), Foundation for Anesthesia Education and Research (FAER)

The Research in Education Grant advances the careers and knowledge of anesthesiologists interested in improving the concepts, methods and techniques of education in anesthesiology. The REG is focused on developing innovative approaches for anesthesia education.

The REG is a two-year primary investigator (no co-investigators) award that provides funding to anesthesiologists who have completed their clinical anesthesia training and have academic faculty appointments. It is available to faculty members of all ranks.

Award Amount: \$100,000 paid over 2 years

Indirect Costs: None

Application Deadline: Feb 15, 2018

Website: <http://www.asahq.org/faer/researchandeducation/researchineducationgrant>

9. Keith Michael Andrus Cardiac Research Award, Friedreich's Ataxia Research Alliance (FARA)

FARA accepts LOIs focusing on advancing understanding and/or treatment of the cardiac involvement in Friedreich's ataxia (FA).

Award Amount: \$150,000-\$300,000 paid over 1-2 years

Indirect Costs: None

LOI Deadline: Jan 15, 2018

Website: <http://www.curefa.org/grant>

10. Young Investigator Grant for Probiotics Research (YIGPRO), Global Probiotics Council (GPC)

The purpose of the Young Investigator Grant for Probiotics Research (YIGPRO) is to contribute to the advancement of probiotics and gastrointestinal microbiota research in the United States.

The grant program objectives are

- to stimulate innovative research relevant to the field of gastrointestinal microbiota in the United States;
- to impact academic and career development of young investigators in the United States and attract them into the field of probiotics and gastrointestinal microbiota;
- to provide preliminary data for future funding from NIH and other funding sources.

The focus of the 2018 grant is to improve understanding of mechanisms by which potential probiotics, including beneficial commensals, interact with the host and gastrointestinal microbiota to improve host physiology and function.

Proposals on dietary and nutritional approaches to improve physiological function and health status are preferred over proposals on disease pathogenesis, drugs and therapies.

Research cannot employ commercial probiotic strains, but publicly available, non-commercial strains are acceptable.

During, or immediately following the funding year, grant recipients agree to present research at a US Probiotics Scientific Board meeting, at scientific symposia, and potentially submit results to a peer-reviewed journal.

Research must be conducted at non-profit, US-based institutions with the capacity for research programs suitable to research in the field of probiotics.

Award Amount: \$50,000 for 1 year

Indirect Costs: 10%

Application Deadline: Feb 20, 2018

Website: <https://probioticsresearch.com/grant-program/>

11. Charles A. King Trust Postdoctoral Research Fellowship Program, Health Resources in Action (HRiA)/The Medical Foundation

Established in 1936, the Trust was created to "support and promote the investigation of human disease and the alleviation of human suffering through improved treatment." In keeping with these principles, the Trust today supports postdoctoral fellows in the basic sciences and clinical and health services research.

Proposals focused on cancer or blindness (not visual impairment) are encouraged due to the funds contributed by the Sara Elizabeth O'Brien Trust, Bank of America, N.A., Trustee and the Simeon J. Fortin Charitable Foundation, Bank of America, N.A., Trustee to specifically fund Fellowship research in these areas.

Basic Science

The Fellowship supports research disciplines across all biomedical fields, in keeping with the Foundation's mission. Proposals in the basic sciences seek to increase the understanding of the underlying normal and abnormal biological processes relevant to human health and disease. Clinical research proposals involving human studies are not allowed and proposals involving patient-derived tissue or data, or health services and administrative data, should be directed towards the King Trust Clinical and Health Services Research Fellowship Program.

Clinical/Health Services Research

The Fellowships support all research disciplines in the biomedical fields, in keeping with the Foundation's mission. Clinical and health services research fellowships support studies involving human subjects, tissues, or data involving human patients. Research projects involving animal or cell culture models are not eligible in the Clinical/Health Services Research fellow ship category and should be directed to the King Trust Basic Sciences Research Fellowship Program.

Clinical and Health Services Research fellowships support human studies including physiological research, behavioral science and health education research, translational research (the application of bench research to patient care), epidemiological research, health policy, outcomes research, and population health, regardless of specialty or discipline. Research may take place in a broad range of settings including community sites.

Private foundations, individuals and other contributors have joined the Charles A. King Trust in supporting the Postdoctoral Research Fellowship Program.

Award Amount: \$95,350-\$110,650 paid over 2 years

Indirect Costs: None

Application Deadline: Feb 9, 2018

Website: <https://hria.org/tmf/king/>

12. Human Animal Bond Research Initiative (HABRI), Human Animal Bond Research Initiative (HABRI) Foundation

The vision of the Human Animal Bond Research Initiative (HABRI) Foundation is to demonstrate that our relationship with pets and animals make the world a better place by significantly improving human health and quality of life. HABRI does this by advancing the growing body of evidence about the positive roles that companion animals play in the integrated health of individuals, families and communities. Proposals should focus on innovative approaches to studying the health effects of animals on humans within the following broad categories:

- Child Health and Development
- Healthy Aging
- Mental Health and Wellness

Award Amount: Average award to date has been \$45,000 for 16 months
Indirect Costs: 10%
Application Deadline: Jan 18, 2018
Website: <https://habri.org/funding-opportunities>

13. Michelson Prizes for Human Immunology and Vaccine Research, Michelson Foundation/Human Vaccine Project

The Michelson Prizes aim to support young investigators applying innovative research concepts and disruptive technologies to significantly advance the development of future vaccines and immunotherapies for major global diseases.

Two investigators, under the age of 35, who demonstrate significant potential to execute pioneering ideas will each be awarded a \$150,000 prize. Applicants need to show how they are going beyond conventional approaches in their field and clearly articulate how their contribution will have a lasting impact on human immunology and vaccine research.

Applicants from disciplines across the biomedical, bioengineering and computer science fields are encouraged.

Proposals will be reviewed by a distinguished committee of internationally-recognized scientists.

Award Amount: \$150,000
Indirect Costs: Unspecified
Pre-Application Deadline: Feb 12, 2018
Website: <http://www.humanvaccinesproject.org/michelsonprizes/>

14. Research Seed Money Grant for Malonic Aciduria, National Organization for Rare Disorders, Inc. (NORD)

The purpose of the NORD Research Grant Program is to encourage meritorious scientific and clinical studies designed to improve the diagnosis or therapy of rare "orphan" diseases. Grants will be awarded to academic researchers to initiate small scientific research studies or clinical trials, the results of which could be used to obtain funding from NIH, FDA or other funding agencies, or to attract a corporate sponsor. Procedures or proposed therapeutic trials may be new, based on recent biochemical or pharmacological evidence, or in preliminary stages of clinical investigation. Evaluation of proposals will include careful consideration of protocol design, objectiveness of parameters measured, and statistical evaluation proposed. Protocols that will focus on cause, early detection, diagnosis, or treatment (pharmacological, devices, surgery, or dietary) will be given priority.

NORD, with funding from The Hope Fund, is accepting applications for scientific and/or clinical research studies related to malonyl-CoA decarboxylase deficiency, a rare metabolic condition that prevents the body from converting certain fats to energy. The signs and symptoms of this disorder are variable, but may include delayed development in childhood, hypotonia, seizures, diarrhea, vomiting, metabolic acidosis, hypoglycemia, ketosis, abnormal urinary compounds, lactic acidemia and hypertrophic cardiomyopathy. This condition is caused by mutations in the malonyl-CoA decarboxylase gene (MLYCD) gene, and is inherited as an autosomal recessive trait. The MCD enzyme is involved in the degradation of malonyl-CoA and it appears that inhibition of fatty acid synthesis as a result of malonyl-CoA accumulation is responsible for at least some of the clinical manifestations of the disorder. This condition is known as malonic aciduria, malonic acidemia, malonyl-coenzyme A decarboxylase deficiency, and MCD deficiency.

Award Amount: \$50,000 paid over 1-2 years

Indirect Costs: None

Application Deadline: Continuous

Website: <https://rarediseases.org/for-clinicians-and-researchers/research-opportunities/requests-proposals/>

15. Nontraditional, Nonsurgical Treatment Grants, North American Spine Society (NASS)

This grant supports research of disc-related and/or neuropathic back pain by nonsurgical techniques. These funds must be used for new, nontraditional methods of nonsurgical treatment of such back and neck pain and radiculopathy. If TNF-inhibitors other than etanercept are used in research and/or treatment funded, comparison studies using perispinal etanercept in at least as many research subjects or patients should be done.

Funds are for work to be performed or works in progress, not works already completed.

Each award recipient or a designated representative is expected to attend the Annual Meeting to accept the award.

Award Amount: \$20,000-\$100,000 paid over 1-2 years

Indirect Costs: 15%

Preliminary Proposal Deadline: Feb 12, 2018

Website:

<https://www.spine.org/ResearchClinicalCare/ResearchGrantsFunding/FundingOpportunities.aspx>

16. Grants, Paralyzed Veterans of America (PVA)/PVA Education Foundation

From coordinating workshops for health professionals to producing educational materials to sponsoring fellowships in spinal cord medicine, the Paralyzed Veterans of America Education Foundation helps develop tools that share spinal cord injury and disease (SCI/D) knowledge and improve the lives of those with SCI/D. The Education Foundation, a 501(c)(3) nonprofit, provides funding in six project categories:

- Consumer and community education to improve the health, independence and quality of life for individuals with SCI/D
- Professional development and education to improve the knowledge and competencies of health professionals who serve the SCI/D community, including fellowship and traineeship programs
- Research utilization and dissemination, which translates findings into practice
- Assistive technology--Development of teaching tools or pilot programs that demonstrate innovative approaches to the use of assistive devices
- Conferences and symposia that provide education and collaboration opportunities for members of the SCI/D community
- Consumer Guides to develop companion consumer information guides based on PVA SCI Consortium Clinical Practice Guidelines

Award Amount: Up to \$50,000 for 1 year

Indirect Costs: 8%

Application Deadline: Jan 10, 2018

Website:

http://www.pva.org/site/c.ajIRK9NjLcJ2E/b.6305829/k.6E40/PVA_Education_Foundation.htm

17. Research Grants, Sjogren's Syndrome Foundation (SSF)

The Foundation strives to foster research that will have the greatest potential impact on Sjögren's patients, ensuring new therapeutics are developed and a cure found. The SSF Research Grants Program places a high priority on both clinical and basic scientific research into the cause, prevention, detection, treatment, and cure of Sjögren's.

SSF Research Funding Priorities

Innovation is key for all SSF research funding. SSF must inspire new ideas and the gathering of data necessary to determine if those ideas are viable so that investigators can take a risk to pursue a concept that could prove to be a major breakthrough in Sjögren's.

Novel Diagnostics is a key area of focus that the SSF Research Review Committee is continuing to target for 2016 research grant applications. While all areas of research will be considered for grant funding, SSF reviewers recognize that there cannot be major progress until research finds a more definitive and easier way to diagnose Sjögren's. Better diagnostics is an important part of the Foundation's 5-Year Breakthrough Goal: "To shorten the time to diagnose Sjögren's by

50% in 5 years!" Better diagnostics also will help encourage clinical trials in Sjögren's and help raise professional and public awareness of Sjögren's.

Funding decisions for SSF grants will be based on the following priorities:

- Innovative and creative concepts
- Novel diagnostics and relevance to the SSF Five-Year Breakthrough Goal
- Direct relevance to Sjögren's
- High quality science
- Preliminary data; probability of SSF seed money leading to an NIH grant
- Potential practical importance through the use of human tissues or blood samples
- Outcome could define new therapeutic target in SS
- Collaborative aspects of project
- Focused and achievable in the time lines
- Financial support important for the salary support and execution of the research
- Excellent lab environment and mentorship available if young investigator

Award Amount: \$30,000-\$100,000 paid over 2 years

Indirect Costs: Unspecified

Application Deadline: Feb 1, 2018

Website: <http://www.sjogrens.org/home/research-programs/research-grants>