



PRIVATE FUNDING OPPORTUNITIES: SEP 23, 2016

Please contact Corporate & Foundation Relations in the Office of Development at devcfr@mgh.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.

1. AFAR Research Grants for Junior Faculty, American Federation for Aging Research (AFAR)

AFAR provides awards to junior faculty (M.D.s and Ph.D.s) to conduct research that will serve as the basis for longer term research efforts. AFAR-supported investigators study a broad range of biomedical and clinical topics including the causes of cellular senescence, the role of estrogen in the development of osteoporosis, the genetic factors associated with Alzheimer's disease, the effects of nutrition and exercise on the aging process, and much more.

The major goal of this program is to assist in the development of the careers of junior investigators committed to pursuing careers in the field of aging research. AFAR supports research projects concerned with understanding the basic mechanisms of aging. Projects investigating age-related diseases are also supported, especially if approached from the point of view of how basic aging processes may lead to these outcomes. Projects concerning mechanisms underlying common geriatric functional disorders are also encouraged, as long as these include connections to fundamental problems in the biology of aging. Projects that deal strictly with clinical problems such as the diagnosis and treatment of disease, health outcomes, or the social context of aging are not eligible.

Examples of potentially fundable areas of research include, but are not limited to:

- Aging and immune function
- Stem cell aging
- Inflammation
- Genetic control of longevity
- Neurobiology and neuropathology of aging*
- Mechanisms of dementia*
- Invertebrate or vertebrate animal models
- Cardiovascular aging
- Aging and cellular stress response
- Metabolic and endocrine changes



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@mgh.harvard.edu> to schedule an individual consultation or group training session.

* Applicants proposing a project in Alzheimer's Disease or healthy brain aging research should apply for the New Investigator Awards in Alzheimer's Disease. Applicants proposing other dementia-related research should apply for the AFAR Research grant.

The award recipients are expected to attend the AFAR Grantee Conference which convenes AFAR grant recipients, mentors and leaders in the field to review and disseminate the research progress of the grantees and their findings. The meeting encourages networking, facilitates collaborations, and enhances the development of leadership.

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

Application Deadline: Dec 15, 2016

Website: <http://www.afar.org/research/funding/afar-research-grants/>

2. Biomedical Research Grant (RG), American Lung Association (ALA)

This grant is a mentored award meant to provide seed monies to junior investigators on the path to independence for researching the mechanisms of lung disease and general lung biology.

Research is crucial to a future where lung disease no longer threatens the health of our families and friends. To help Americans live longer, healthier lives, we must find better methods of detection, treatment and cures for all lung diseases. For over 100 years, the American Lung Association has supported research to achieve this goal and we continue to fund, develop, promote and advocate for research and programs that will result in life-changing advances for people impacted by lung disease. The goal of the American Lung Association Awards and Grants Program is to fund researchers at important crossroads of their careers, gaining a long-term commitment to lung disease research.

The Lung Association is particularly interested in highly meritorious research projects consistent with our strategic imperatives:

- Defeat lung cancer
- Improve the air we breathe so it will not cause or worsen lung disease
- Reduce the burden of lung disease on patients and their families
- Eliminate tobacco use and tobacco-related lung diseases

Award Amount: Up to \$80,000 paid over 2 years

Application Deadline: Dec 15, 2016

Website: <http://www.lung.org/our-initiatives/research/awards-and-grant-funding/opportunities.html>

3. Clinical Patient Care Research Grant (CG), American Lung Association (ALA)

This grant is a mentored award is meant to provide seed monies to junior investigators on the path to independence for conducting trials for the improvement of patient care and treatment for lung disease.

Research is crucial to a future where lung disease no longer threatens the health of our families and friends. To help Americans live longer, healthier lives, we must find better methods of detection, treatment and cures for all lung diseases. For over 100 years, the American Lung Association has supported research to achieve this goal and we continue to fund, develop, promote and advocate for research and programs that will result in life-changing advances for people impacted by lung disease. The goal of the American Lung Association Awards and Grants Program is to fund researchers at important crossroads of their careers, gaining a long-term commitment to lung disease research.

The Lung Association is particularly interested in highly meritorious research projects consistent with our strategic imperatives:

- Defeat lung cancer
- Improve the air we breathe so it will not cause or worsen lung disease
- Reduce the burden of lung disease on patients and their families
- Eliminate tobacco use and tobacco-related lung diseases

Award Amount: Up to \$80,000 for 2 years

Application Deadline: Dec 15, 2016

Website: <http://www.lung.org/our-initiatives/research/awards-and-grant-funding/opportunities.html>

4. Dalsemer Research Grant (DA), American Lung Association (ALA)

This grant is a mentored award meant to provide seed monies to junior investigators on the path to independence for researching the mechanisms and biology of interstitial lung disease.

Research is crucial to a future where lung disease no longer threatens the health of our families and friends. To help Americans live longer, healthier lives, we must find better methods of detection, treatment and cures for all lung diseases. For over 100 years, the American Lung Association has supported research to achieve this goal and we continue to fund, develop, promote and advocate for research and programs that will result in life-changing advances for people impacted by lung disease. The goal of the American Lung Association Awards and Grants Program is to fund researchers at important crossroads of their careers, gaining a long-term commitment to lung disease research.

The Lung Association is particularly interested in highly meritorious research projects consistent with our strategic imperatives:

- Defeat lung cancer

- Improve the air we breathe so it will not cause or worsen lung disease
- Reduce the burden of lung disease on patients and their families
- Eliminate tobacco use and tobacco-related lung diseases

Award Amount: Up to \$80,000 for 2 years

Application Deadline: Dec 15, 2016

Website: <http://www.lung.org/our-initiatives/research/awards-and-grant-funding/opportunities.html>

5. Senior Research Training Fellowship (RT), American Lung Association (ALA)

The objective of this award is to support first time training of recently graduated MDs and PhDs seeking further academic training as scientific investigators researching the mechanisms of lung disease and general lung biology.

Research is crucial to a future where lung disease no longer threatens the health of our families and friends. To help Americans live longer, healthier lives, we must find better methods of detection, treatment and cures for all lung diseases. For over 100 years, the American Lung Association has supported research to achieve this goal and we continue to fund, develop, promote and advocate for research and programs that will result in life-changing advances for people impacted by lung disease. The goal of the American Lung Association Awards and Grants Program is to fund researchers at important crossroads of their careers, gaining a long-term commitment to lung disease research.

The Lung Association is particularly interested in highly meritorious research projects consistent with our strategic imperatives:

- Defeat lung cancer
- Improve the air we breathe so it will not cause or worsen lung disease
- Reduce the burden of lung disease on patients and their families
- Eliminate tobacco use and tobacco-related lung diseases

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

Application Deadline: Dec 15, 2016

Website: <http://www.lung.org/our-initiatives/research/awards-and-grant-funding/opportunities.html>

6. Social-Behavioral Research Grant (SB), American Lung Association (ALA)

This grant is a mentored award is meant to provide seed monies to junior investigators on the path to independence for working within the various disciplines of social science examining risk factors affecting lung health including:

- Psychosocial research
- Behavioral research

- Health services and health policy research
- Epidemiology / Biostatistics research
- Public Health Education research

Research is crucial to a future where lung disease no longer threatens the health of our families and friends. To help Americans live longer, healthier lives, we must find better methods of detection, treatment and cures for all lung diseases. For over 100 years, the American Lung Association has supported research to achieve this goal and we continue to fund, develop, promote and advocate for research and programs that will result in life-changing advances for people impacted by lung disease. The goal of the American Lung Association Awards and Grants Program is to fund researchers at important crossroads of their careers, gaining a long-term commitment to lung disease research.

The Lung Association is particularly interested in highly meritorious research projects consistent with our strategic imperatives:

- Defeat lung cancer
- Improve the air we breathe so it will not cause or worsen lung disease
- Reduce the burden of lung disease on patients and their families
- Eliminate tobacco use and tobacco-related lung diseases

Award Amount: Up to \$80,000 paid over 2 years

Application Deadline: Dec 15, 2016

Website: <http://www.lung.org/our-initiatives/research/awards-and-grant-funding/opportunities.html>

7. The Treat FTD Fund (AFTD in partnership with ADDF), Association for Frontotemporal Degeneration (AFTD) New

The AFTD and the Alzheimer's Drug Discovery Foundation (ADDF) are pleased to announce a Request for Proposals for The Treat FTD Fund, a new initiative to support clinical trials of new and repurposed drugs for symptomatic or disease-modifying treatment of FTD. Proposals that utilize innovative clinical trials designs, clinical endpoints, or biomarkers are encouraged.

Project focus

- Disorders across the FTD spectrum: behavioral variant FTD, primary progressive aphasia, progressive supranuclear palsy, corticobasal degeneration, and FTD/ALS.
- Trials of novel drugs or repurposed drugs acceptable
- Symptomatic or disease-modifying approaches acceptable
- Clinical proof-of-concept studies
- Pilot proof-of-mechanism studies
- Phase 0/Phase 1 studies assessing pharmacodynamic outcomes
- Novel trial designs, endpoints, and biomarkers encouraged

Not eligible:

- Trials of behavioral, social, or lifestyle interventions
- Studies limited to safety determination in healthy volunteers

Patient population

- Study population can include individuals with genetic forms of FTD as well as those with sporadic FTD
- Rationale for the test drug mechanism of action in the proposed patient population must be included

Award Amount: Up to \$2 million for 1-3 years

LOI Deadline: Nov 15, 2016

Website: <http://www.alzdiscovery.org/research-and-grants/funding-opportunities>

8. AFTD Postdoctoral Research Fellowship, Association for Frontotemporal Degeneration (AFTD)

The AFTD Postdoctoral Fellowship provides funding to support basic, translational, clinical, and epidemiological FTD research by an outstanding scientist at an early stage of their career. Fellowship projects can address disorders across the FTD spectrum, including behavioral variant FTD, primary progressive aphasia, progressive supranuclear palsy, corticobasal degeneration, and FTD with motor neuron disease.

Award Amount: \$110,000 paid over 2 years

LOI Deadline: Nov 14, 2016

Website: <http://www.theaftd.org/research/funding-opportunities>

9. Early Career Investigator Award, Bayer AG

The Bayer Hemophilia Awards Program demonstrates Bayer's commitment to the bleeding disorders community and to advancing the state of the art of hemophilia care. This award will fund salary support and research funds for a junior faculty member who wishes to undertake a mentored basic and/or clinical research project in the bleeding disorders field.

Examples of topics for research projects that might be considered for these awards include, but are not limited to:

- Clinical studies
- Properties and delivery of clotting factor proteins
- Assays and models
- Genetics and epidemiology
- Molecular aspects and mechanisms of clotting factor inhibitor formation

Award Amount: \$200,000 paid over 2 years

LOI Deadline: Nov 30, 2016

Website: http://www.bayer-hemophilia-awards.com/awards/?view=early_career_investigator_award

10. Clinic and Laboratory Integration Program (CLIP) Grants, Cancer Research Institute (CRI)

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.

Award Amount: \$200,000 paid over 2 years

LOI Deadline: Nov 1, 2016

Website: <http://www.cancerresearch.org/grants-programs/grants-fellowships/clinic-and-laboratory-integration-program-%28clip%29/clip-application-guidelines>

11. Senior Research Awards, Crohn's and Colitis Foundation of America, Inc. (CCFA)

The objective of the awards is to provide established researchers with funds to generate sufficient preliminary data to become competitive for funds from other sources, such as the National Institute of Health (NIH). Proposals must be relevant to inflammatory bowel disease (Crohn's Disease or ulcerative colitis).

Award Amount: Up to \$347,490 for 1-3 years

LOI Deadline: Nov 1, 2016

Website: <http://www.cfa.org/science-and-professionals/research/grants-fellowships/senior-research-awards.html>

12. Mahlon DeLong Young Investigator Award, Dystonia Medical Research Foundation (DMRF)

The Award recognizes and supports an early career PhD or MD researcher pursuing ambitious and creative research in dystonia. Proposals encompassing all aspects of dystonia investigations at all levels of analysis are encouraged. The proposal must be for a dystonia-focused, hypothesis-driven research project, either experimental or clinical.

Award Amount: \$55,000

Application Deadline: Oct 17, 2016

Website: <https://www.dystonia-foundation.org/delongaward>

13. Pediatric Research Grants, Gerber Foundation

The Foundation's mission focuses on the nutrition, care and development of infants and young children. Therefore, grant-making interests are focused on health and/or nutrition-related research having a significant impact on issues facing infants and young children from the first year before birth to age 3.

The Foundation is particularly interested in fresh approaches to solving newborn or pediatric problems or emerging issues with a predictable time frame to clinical application. Projects should be focused on issues faced by care providers that, when implemented, will improve the health, nutrition and/or developmental outcomes for infants and young children. Projects may include:

- Etiologic mechanisms of disease
- New, improved or less invasive diagnostic procedures
- Reduction or elimination of side effects
- Alleviation of symptoms
- New, improved or less invasive therapies, care, or treatments
- Dosage or dosing requirements or mechanisms for drugs, nutrient supplementation or other therapeutic measures (under or overdosing)
- Preventative measures

The foundation offers research grants in the following categories:

PEDIATRIC HEALTH: Promoting health and preventing or treating disease is the primary focus of this target area. Of particular interest are applied research projects focused on reducing the incidence of serious neonatal and early childhood illnesses, or improving cognitive, social and emotional aspects of development.

PEDIATRIC NUTRITION: These programs respond to a long-time interest of the Foundation in assuring adequate nutrition for infants and young children. Projects include applied research that evaluates the provision of specific nutrients and their related outcomes in infants and young children.

ENVIRONMENTAL HAZARDS (NUTRIENT COMPETITORS) The Foundation is interested in projects that evaluate the effects of environmental hazards on infants and young children. Applied research projects that document the impact of, or ameliorate effects of, environmental hazards on the growth and development of infants and young children are the focus of this area of interest.

Award Amount: \$350,000 paid over 3 years

Concept Paper/Proposal Deadline: Dec 1, 2016

Website: <http://www.gerberfoundation.org/how-to-apply/>

14. Prize in Developmental Biology, March of Dimes Birth Defects Foundation

Each year outstanding scientist(s) are awarded the coveted March of Dimes Prize in Developmental Biology for research that has profoundly advanced the science that underlies our understanding of birth defects. The awardee delivers his/her lecture before the Pediatric Academic Society (PAS) meeting held yearly in the spring.

Award Amount: \$250,000

Nomination Deadline: Oct 31, 2016

Website: <http://www.marchofdimes.com/research/prize-in-developmental-biology.aspx>

15. Research Grant, Mend a Heart Foundation New

Each year, the Mend a Heart Foundation selects one or more projects that support its mission of extending and enriching the lives of children born with congenital heart defects.

Award Amount: Up to \$60,000

Application Deadline: Nov 15, 2016

Website: <http://www.mendaheart.org/What We Fund.html>

16. Transition to Independence Award (TIA), National Palliative Care Research Center (NPCRC)

To promote the development of successful independent researchers working to improve the care of patients with serious illness, the NPCRC is requesting applications for its Hearst-NPCRC Transition to Independence Award (TIA). The aim of the TIA is to expand the cadre of palliative care researchers by extending research support to promising investigators completing a federal career development award whom have not yet achieved independence as measured by successful receipt of an NIH R01 award or equivalent. The TIA assures a continuum of support for turning promising junior investigators into independent researchers.

This request for applications (RFA) is limited to applications that support palliative care research for seriously ill patients and their families in three specific areas:

1. Exploring the relationship of pain and other distressing symptoms to quality and quantity of life, independence, function, and disability and developing interventions directed at their treatment in patients with advanced and chronic illnesses;
2. Studying methods of improving communication between persons living with serious illness, their families and their health care providers;
3. Evaluating models and systems of care for patients living with advanced illness and their families

Award Amount: Up to \$100,000

LOI Deadline: Nov 7, 2016

Website: <http://www.npcrc.org/content/19/Funding-Opportunities.aspx>

17. Pilot and Exploratory Project Support Grant, National Palliative Care Research Center (NPCRC)

The Pilot/Exploratory Project Support Grant provides funding for investigators performing pilot/exploratory research studies. Investigators must conduct research projects whose purpose is to test interventions, develop research methodologies, or explore novel areas of research that are directly related to the Center's core mission and stated areas of interest. A condition of funding is a clearly defined plan as to how the investigator will use the results of the project to develop larger, extramurally funded research projects.

Award Amount: \$154,000 paid over 2 years

LOI Deadline: Nov 7, 2016

Website: <http://www.npcrc.org/content/19/Funding-Opportunities.aspx>

18. Junior Faculty Career Development Award, National Palliative Care Research Center (NPCRC)

NPCRC is providing these awards to allow junior faculty to have the protected time required to develop and conduct the pilot research necessary to be competitive for larger, extramurally funded awards. Proposed research must focus on improving care for patients with serious illness and their families in one of the three NPCRC key areas of interest: pain and symptom management, communication, and models of care for palliative care delivery.

This request for applications (RFA) is limited to applications that support palliative care research for seriously ill patients and their families in three specific areas:

1. Exploring the relationship of pain and other distressing symptoms to quality and quantity of life, independence, function, and disability and developing interventions directed at their treatment in patients with advanced and chronic illnesses;
2. Studying methods of improving communication between persons living with serious illness, their families and their health care providers;
3. Evaluating models and systems of care for patients living with serious illness and their families.

Award Amount: \$154,000 paid over 2 years

LOI Deadline: Nov 7, 2016

Website: <http://www.npcrc.org/content/19/Funding-Opportunities.aspx>

19. Postdoctoral Fellowships for Clinical Neurologists (Postdoctoral Fellowship for Neurologists), Parkinson's Disease Foundation (PDF)

The fellowships are for young clinicians who have completed their neurology residency and are seeking clinical research experience.

Award Amount: Up to \$120,000 for 2 years

LOI Deadline: Nov 27, 2016

Website: http://www.pdf.org/en/grant_funding_fellow#pdfclinneuro

20. SFARI Pilot Award, Simons Foundation/Simons Foundation Autism Research Initiative (SFARI)

The mission of SFARI is to improve the understanding, diagnosis and treatment of autism spectrum disorders (ASD) by funding innovative research of the highest quality and relevance. To this end, SFARI solicits applications for SFARI Awards from individuals who will conduct bold, imaginative, rigorous and relevant research.

Grants awarded through this RFA will fund a broad range of ASD-relevant science. SFARI is seeking applications that are grounded in biology and will complement its grants portfolio, which aims to connect autism etiology to brain function and behavior.

SFARI strongly advises applicants to familiarize themselves with the work that SFARI currently supports and to think about how their proposals might complement existing grants.

Considering SFARI's significant efforts targeted at understanding the genetics of ASD, SFARI encourages applications that propose research to link genetic or other ASD risk factors to a molecular, cellular, circuit and behavioral-level understanding of ASD. Applicants should see also the SFARI blog post "SFARI's 2017 funding priorities," where SFARI discusses its funding priorities and other considerations for successful proposals.

Access to the Simons Simplex Collection (SSC) and the Simons Variation in Individuals Project (Simons VIP) - resources of rigorously characterized phenotypic data, genetic data and biospecimens - will be available to all approved scientists through SFARI Base. SFARI encourages applicants to use these resources. Policies regarding data requests and the acquisition of biospecimens are available online.

SFARI expects SFARI Investigators to share renewable reagents and data developed using Simons Foundation funds with other qualified investigators. The quality of the data-sharing plan will factor into the review and affect funding decisions.

The SFARI Pilot Award is the SFARI Award application type for innovative, high-impact proposals requesting support for small-scale projects or early-stage experiments that will build on preliminary data or a prior track record and lead to competitive applications for funding by SFARI or other organizations.

Award Amount: \$150,000 for up to 2 years

LOI Deadline: Dec 9, 2016

Website: <http://sfari.org/funding/grants/2016-pilot-and-research-awards-request-for-applications/>

21. SFARI Research Award, Simons Foundation/Simons Foundation Autism Research Initiative (SFARI)

The mission of SFARI is to improve the understanding, diagnosis and treatment of autism spectrum disorders (ASD) by funding innovative research of the highest quality and relevance. To this end, SFARI solicits applications for SFARI Awards from individuals who will conduct bold, imaginative, rigorous and relevant research.

Grants awarded through this RFA will fund a broad range of ASD-relevant science. SFARI is seeking applications that are grounded in biology and will complement its grants portfolio, which aims to connect autism etiology to brain function and behavior.

SFARI strongly advises applicants to familiarize themselves with the work that SFARI currently supports and to think about how their proposals might complement existing grants.

Considering SFARI's significant efforts targeted at understanding the genetics of ASD, SFARI encourages applications that propose research to link genetic or other ASD risk factors to a molecular, cellular, circuit and behavioral-level understanding of ASD. Applicants should see also the SFARI blog post "SFARI's 2017 funding priorities," where SFARI discusses its funding priorities and other considerations for successful proposals.

Access to the Simons Simplex Collection (SSC) and the Simons Variation in Individuals Project (Simons VIP) - resources of rigorously characterized phenotypic data, genetic data and biospecimens - will be available to all approved scientists through SFARI Base. SFARI encourages applicants to use these resources. Policies regarding data requests and the acquisition of biospecimens are available online.

SFARI expects SFARI Investigators to share renewable reagents and data developed using Simons Foundation funds with other qualified investigators. The quality of the data-sharing plan will factor into the review and affect funding decisions.

The SFARI Pilot Award is the SFARI Award application type for innovative, high-impact proposals requesting support for small-scale projects or early-stage experiments that will build on preliminary data or a prior track record and lead to competitive applications for funding by SFARI or other organizations.

The SFARI Research Award is the SFARI Award application type for competitive proposals from investigators with demonstrated expertise requesting support for compelling, high-impact research on experimental hypotheses for which, in most cases, preliminary data have already been gathered. The foundation will also consider projects focusing on a central hypothesis where success depends on close collaboration between two or more labs.

Award Amount: \$750,000 paid over 3 years

LOI Deadline: Dec 9, 2016

Website: <http://sfari.org/funding/grants/2016-pilot-and-research-awards-request-for-applications/>

22. Global Fellowship Program, U.S. Pharmacopeial Convention (USP)

The Program presents awards to individuals to advance new research contributing to innovative or updated quality standards for chemical and biological medicines, excipients, dietary supplements, herbal medicines, healthcare quality, and food ingredients.

Applicants are encouraged to ensure their research aligns with one of these topics:

- General Research
- Chemical Medicines
- Biologics and Biotechnology
- Excipients
- Dietary Supplements
- Food Ingredients
- Healthcare Quality Standards

Award Amount: \$50,000

Application Deadline: Oct 28, 2016

Website: <http://www.usp.org/global/outreach-and-exchange-programs/global-fellowship-program>