



FOUNDATION FUNDING OPPORTUNITIES: AUG 28, 2020

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.

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.

**Have you updated your MGH Researcher profile?
Go to <https://researchers.mgh.harvard.edu/> today!**

1. Heart to Heart Grant, Alpha Phi Foundation

As a women's organization, Alpha Phi Foundation places special emphasis on women's heart health. In 1993, Alpha Phi Foundation designed an annual grant--the Heart to Heart Grant--to encourage research and education to lessen the impact of heart disease in women.

Citizenship: Canada or United States

Award Amount: \$100,000

Indirect Costs: None

Application Deadline: Nov 3, 2020

Website: <https://www.alphaphifoundation.org/vital-programs/womens-heart-health/heart-to-heart-grant/>

2. NREF Research Fellowships and Young Clinician Investigator Awards, American Association of Neurological Surgeons (AANS)/Neurosurgery Research and Education Foundation (NREF)

As a premier funder of neurosurgical studies, the Neurosurgery Research & Education Foundation(NREF) focuses on providing fellowship funding in basic neuroscience and neurosurgical programs in North America.



Do you want to learn more about identifying external funding opportunities? Please [click here](#) to request a research consultation with **Amy Robb** or see ECOR's website for information on the [Pivot database](#).

- Research Fellowship (RF) - The Fellowship provides training for neurosurgeons who are preparing for academic careers as clinician investigators. 100% of the applicant's research efforts must be devoted to this project.
- Young Clinician Investigator (YCI) Award - supports junior faculty who are pursuing careers as clinical investigators. 50% of the applicant's research efforts must be devoted to this project.

Citizenship: North America

Award Amount: \$50,000 for 1 year

Indirect Costs: None

Application Deadline: Nov 1, 2020

Website: <https://www.nref.org/research/Research-Grants-Young-Clinician-Investigator-Awards>

3. Distinguished Investigator Innovation Grants, American Foundation for Suicide Prevention (AFSP)

All AFSP research grants are designed to support research on suicide from a variety of disciplines, including psychiatry, medicine, psychology, genetics, epidemiology, neurobiology, sociology, nursing, social work, health services administration, and many others. Grants are not intended to support the development or implementation of prevention programs, educational programs, treatments, or other interventions that do not have a significant research component.

Eligibility requirements (partial list):

- Individuals may be awarded up to two DIGs during their lifetime. Those having had two DIGs remain eligible for LSRG, SRG, Focus Grants, and Pilot Grants.

Citizenship: Unrestricted

Award Amount: \$125,000 paid over 2 years

Indirect Costs: None

Application Deadline: Nov 15, 2020

Website: <https://afsp.org/our-work/research/grant-information/>

4. Standard Research Innovation Grants, American Foundation for Suicide Prevention (AFSP)

All AFSP research grants are designed to support research on suicide from a variety of disciplines, including psychiatry, medicine, psychology, genetics, epidemiology, neurobiology, sociology, nursing, social work, health services administration, and many others. Grants are not intended to support the development or implementation of prevention programs, educational programs, treatments, or other interventions that do not have a significant research component.

Grants awarded to individual investigators at any level.

Citizenship: Unrestricted

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

Indirect Costs: None

Application Deadline: Nov 15, 2020

Website: <https://afsp.org/our-work/research/grant-information/>

5. Young Investigator Innovation Grant, American Foundation for Suicide Prevention (AFSP)

All AFSP research grants are designed to support research on suicide from a variety of disciplines including psychiatry, medicine, psychology, genetics, epidemiology, neurobiology, sociology, nursing, health services administration, social work, and many others. Grants are not intended to support the development or implementation of prevention programs, educational programs, treatments, or other interventions that do not have a significant research component.

An additional purpose of the Young Investigator Grant is to assist new researchers to obtain the advice, guidance and supervision of an established mentor in a selected area of suicide research.

Eligibility requirements (partial list):

- Someone who is or has been a PI on an NIH/NIMH research grant or its equivalent does not qualify as a Young Investigator.

Citizenship: Unrestricted

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

Indirect Costs: None

Application Deadline: Nov 15, 2020

Website: <https://afsp.org/our-work/research/grant-information/>

6. Research Grants, American Otological Society (AOS)

The purpose of the American Otological Society (AOS) Research Fund is to encourage and support academic research in sciences related to the ear. All of the AOS grant awards may involve research on any topic related to ear disorders. The research need not be directly on an otological disease but may explore normal functions of the cochlea, labyrinth, or central auditory or vestibular systems. However, the applicant must describe how the proposed research will benefit our understanding, diagnosis or treatment of otological disorders.

Citizenship: Canada or United States

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

Indirect Costs: 10%

LOI Deadline: Nov 1, 2020

(Invited) Application Deadline: Jan 31, 2020

Website: <https://www.americanotologicalsociety.org/aos-grant-submission-instructions>

7. National Glaucoma Research (NGR): Standard Awards, BrightFocus Foundation

BrightFocus accepts investigator initiated proposals related to developing treatments, preventions, and cures for glaucoma, macular degeneration, and Alzheimer's disease.

BrightFocus Foundation awards grants for basic, translational, and clinically oriented research on the causes of, or treatments for, age-related and degenerative diseases. Grants are awarded on the basis of the scientific merit of the proposed research and the relevance of the research to understanding aspects of the disease that lead to improved treatments, prevention strategies, and diagnoses of the program disease.

Eligibility requirements (partial list):

- Though BrightFocus continues to encourage innovative proposals from all career stages, BrightFocus' guidelines have evolved with the field to extend eligibility to non-tenure-track applicants as well. Non-tenure-track positions are welcome to apply for funding if they are appropriately trained to lead an independent research study, and are permitted by their organizations to manage the grant and supervise any key personnel.
- Applicants should have completed their formal post-doctoral mentored research training, and must be the intellectual and creative leads for the proposed projects.
- Applicants with pending appointments are eligible to apply, but the appointment must be finalized by the start of the award.

Citizenship: Unrestricted

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

Indirect Costs: None

Application Deadline: Nov 10, 2020

Website: <https://www.brightfocus.org/grants>

8. PANCAN Career Development Award, Pancreatic Cancer Action Network (PANCAN)

The Pancreatic Cancer Action Network Career Development Award represents an effort to encourage and support junior faculty to conduct pancreatic cancer research and establish successful career paths 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 pancreatic cancer. Special consideration will be given to understudied areas in pancreatic cancer research.

Eligibility requirements (partial list):

- Hold a faculty position with the title of assistant professor, instructor, research assistant professor or the equivalent.
- Have completed their most recent doctoral degree within the past 11 years (i.e., degree cannot have been conferred before July 2, 2010; the formal date of receipt of doctoral degree is the date the degree was conferred, as indicated on their diploma and/or transcript).

- Have independent laboratory space as confirmed by his/her institution in the Letter of Institutional Support.

Citizenship: Unrestricted

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

Indirect Costs: 10%

Application Deadline: Nov 20, 2020

Website: <https://www.pancan.org/research/grants-program/apply-for-a-pancreatic-cancer-research-grant/>

9. SFARI Supplement to Enhance Equity and Diversity (SEED), Simons Foundation Autism Research Initiative (SFARI) **NEW!**

The SFARI Supplement to Enhance Equity and Diversity (SEED) is a new program that provides supplements to existing grants for the recruitment of new lab members from American underrepresented minority groups at the postdoctoral level.

The goal of this award is to increase diversity and fight inequity. SFARI Principal Investigators (PIs) are encouraged to recruit candidates for this supplement not only at their home institution, but also at historically Black colleges and universities and other institutions with high minority enrollment.

Eligibility requirements (partial list):

- SFARI PIs are eligible to apply for this supplement if there are at least 24 months remaining on their SFARI-funded project. Funding is restricted to institutions in the United States. Eligible postdoctoral research associate candidates must be U.S. citizens.
- American underrepresented minority groups at the postdoctoral level may be recruited. For the purposes of this supplement, eligible groups include the following: African American/Black; Latin American/Hispanic; Native American/Alaskan Native; Native Hawaiian/other Pacific Islander (including Filipino).

Citizenship: United States

Award Amount: \$300,000 paid over 3 years

Indirect Costs: 20%

Application Deadline: Continuous

Website: <https://www.sfari.org/grant/sfari-seed-rfa/>

10. Analysis of Patient-Reported Outcomes from Fox Insight, The Michael J. Fox Foundation for Parkinson's Research (MJFF) **NEW!**

The Fox Insight RFA supports analysis of the PROs and genetic data collected through the Fox Insight study to elicit learnings on patient experiences that can inform therapeutic development, clinical care, public policy, and other interventions to improve patients' health outcomes.

This program is not appropriate for studies that require additional or prospective data collection.

Applicants should focus on analyses that achieve one or more of the following goals:

- Characterize disease progression for people with Parkinson's.
- Evaluate the utility of different instruments and/or instrument sub-items in measuring burden of disease, especially in individuals within the first two (2) years of Parkinson's diagnosis.
- Identify the role of pharmacological, medical device, and/or non-medical interventions on managing Parkinson's symptoms and long-term health outcomes.
- Predict the future health status of participants without Parkinson's based on Parkinson's risk variables and model their likelihood of developing Parkinson's.
- Determine elements of disease experience that drive patient preference and risk tolerance.
- Determine how economic factors, patient-physician communication, and lifestyle factors influence people with Parkinson's medical treatment and long-term health outcomes.
- Explore the factors that affect volunteer compliance and completeness of participation in an online study.
- Analyst-choice: Researchers can submit their own analysis topics based on available Fox Insight data especially as it relates to longitudinal analyses.

Citizenship: Unrestricted

Award Amount: \$100,000

Indirect Costs: 15%

Preliminary Proposal: Oct 22, 2020

(Invited) Proposal Deadline: Mar 18, 2021

Website: <https://www.michaeljfox.org/grant/analysis-patient-reported-outcomes-fox-insight>

11. Development and Validation of Improved Outcome Measures, The Michael J. Fox Foundation for Parkinson's Research (MJFF) **NEW!**

This RFA seeks to support research to develop biomarker tools and clinical outcome measures. This could include imaging, clinical outcomes development, non-invasive/physiological, biochemical/'omic' biomarkers, or application of data science or informatics--all of which should ultimately inform clinical trial design and execution and interpretation of results. Application should indicate if the proposed methodology or tool has been applied in human subjects or biosamples with PD or other neurodegenerative diseases.

Applications should focus on studies that achieve one or more of the following goals for Parkinson's:

- Develop or validate promising biomarkers of disease
- Develop or validate prodromal biomarkers

- Develop or validate biomarkers of phenoconversion
- Develop or validate specific molecular biomarker assays
- Analyze and derive candidate biomarkers from existing biological datasets
- Develop and support remote assessment strategies that could complement in clinic assessments

This program is not appropriate for:

- Therapeutic development
- Interventional studies
- Literature/landscape review or assessment

Citizenship: Unrestricted

Award Amount: \$750,000 paid over 1-2 years

Indirect Costs: 15%

Preliminary Proposal: Oct 22, 2020

(Invited) Proposal Deadline: Mar 18, 2021

Website: <https://www.michaeljfox.org/grant/development-and-validation-improved-outcome-measures>

12. PIPETTE: 4R Tau and Alpha-Synuclein PET Tracer Development, The Michael J. Fox Foundation for Parkinson's Research (MJFF) **NEW!**

The PIPETTE 4R Tau and Alpha-synuclein PET Tracer Development program seeks to accelerate the development of selective 4R tau and alpha-synuclein PET tracers. The ability to image brain neurofilaments of 4R tau, the predominant tau isoform associated with progressive supranuclear palsy and related disorders, would be a game-changing achievement for the field. Similarly, the ability to image alpha-synuclein in Parkinson's would likely have a significant impact on research and therapeutic development. The PIPETTE Consortium has prioritized 4R tau and alpha-synuclein PET imaging as the most likely approach to have an impact for therapeutic development given the hypothesized contribution of these proteins to neurodegeneration. In vivo imaging of 4R tau and alpha-synuclein pathology could be useful as biomarkers of the presence of disease and disease progression and as pharmacodynamic tools for drug development for tauopathies and synucleinopathies.

The PIPETTE Consortium encourages multidisciplinary teams to apply to this program and is particularly interested in collaborations between academic and industry groups with expertise in de novo design of brain penetrant PET ligands. In particular, teams are encouraged to propose structure- and ligand-based drug design approaches that use state-of-art computational methods using the high resolution Cryo-EM structures of disease-relevant tau and alpha-synuclein fibrils and existing Structure Activity Relationship (SAR) on known tau PET ligands or alpha-synuclein PET ligands that are in development. Access to structural-diverse compound libraries is desirable and a strong medicinal chemistry plan is required. We are especially interested in projects to develop alpha-synuclein and tau tracers in parallel.

As imaging programs may require many kinds of expertise, the sponsors encourage industry and academic collaborations when appropriate.

Citizenship: Unrestricted

Award Amount: Up to \$1 million paid over 1-2 years

Indirect Costs: 15%

Preliminary Proposal: Oct 22, 2020

(Invited) Proposal Deadline: Mar 18, 2021

Website: <https://www.michaeljfox.org/grant/pipette-4r-tau-and-alpha-synuclein-pet-tracer-development>

13. Target Advancement Program, The Michael J. Fox Foundation for Parkinson's Research (MJFF)

The Target Advancement Program seeks to build conclusive evidence around early-stage biological targets in Parkinson's Disease (PD) to rationalize the initiation of future pre-clinical therapeutic programs focused on those targets. Funding will support projects to validate early-stage targets previously implicated in PD pathophysiology and/or symptomology but that have not yet been rigorously investigated for their ability to impact disease-relevant outcomes in PD model systems.

Applications should focus on studies that achieve one or more of the following:

- Demonstrate that genetic/pharmacological modulation of target expression/activity in appropriate model systems (human cellular or in vivo mammalian) affects biological pathways relevant to PD pathogenesis and/or yields outcomes predictive of therapeutic efficacy.
- Confirm the relevance of an early-stage target by studying its altered expression, distribution, or pathological function in human PD tissues.
- Replicate or further validate recently published, high-impact findings in PD target validation biology that could increase confidence in starting new therapeutic translational programs.

Citizenship: Unrestricted

Award Amount: \$150,000 paid over 18-24 months

Indirect Costs: 15%

Preliminary Proposal Deadline: Oct 22, 2020

(Invited) Proposal Deadline: Mar 18, 2021

Website: <https://www.michaeljfox.org/grant/target-advancement-program>

14. Therapeutic Pipeline Program, The Michael J. Fox Foundation for Parkinson's Research (MJFF)

The Michael J. Fox Foundation (MJFF) funds research to better define, measure, and treat Parkinson's disease as well as critical tools and other resources to advance that research. The purpose of this Request for Applications (RFA) is to support the development of new treatments and interventions with potential for significant impact for people with Parkinson's.

The Therapeutic Pipeline Program seeks to speed the development of Parkinson's disease therapeutics with potential for fundamentally altering disease course, significantly improving treatment or management of non-motor or motor symptoms beyond current standards of care. Proposals should focus on strategies with clear impact for people with Parkinson's and well-defined development plans. Programs developing novel approaches as well as approved or clinically safe repurposed or repositioned therapies from other disease indications are appropriate for this RFA. MJFF will prioritize clinical and pre-clinical approaches built on strong scientific and biological rationale for targeting fundamental processes underlying Parkinson's cause, progression and/or non-motor and motor symptom expression.

Applications must address one of the following treatment challenges:

- Protection or restoration of degenerating and/or dysfunctional neurons affected in Parkinson's
- Alleviation of non-motor or motor symptoms of Parkinson's not well managed by current treatments
- Reduction of complications and side effects of current Parkinson's treatments.

Note that this cycle, MJFF is particularly interested in early stage drug discovery efforts for novel targets using phenotypic or target-based screening approaches and efforts focused on developing therapeutics that alleviate non-motor symptoms.

Citizenship: Unrestricted

Award Amount:

- Pre-clinical Program: Up to \$500,000 paid over 1-2 years
- Clinical Program: Up to \$2 million paid over 1-3 years

Indirect Costs: 15%

Pre-Proposal Deadline: Oct 22, 2020

(Invited) Proposal Deadline: Mar 18, 2021

Website: <https://www.michaeljfox.org/grant/therapeutic-pipeline-program-1>

15. Research Grants, Whitehall Foundation, Inc.

Research grants are available to established scientists of all ages working at accredited institutions in the United States. Applications will be judged on the scientific merit and the innovative aspects of the proposal as well as on the competence of the applicant.

The Whitehall Foundation, through its program of grants and grants-in-aid, assists scholarly research in the life sciences. It is the foundation's policy to assist those dynamic areas of basic biological research that are not heavily supported by Federal Agencies or other foundations with specialized missions.

The Foundation is currently interested in basic research in neurobiology, defined as follows: Invertebrate and vertebrate (excluding clinical) neurobiology, specifically investigations of neural mechanisms involved in sensory, motor, and other complex functions of the whole organism as these relate to behavior. The overall goal should be to better understand behavioral output or brain mechanisms of behavior.

The Foundation does not support research focused primarily on disease(s) unless it will also provide insights into normal functioning.

Eligibility requirements (partial list):

- Must be an Assistant Professor (or higher)
- Must hold Principal Investigator status
- Must be considered an "independent investigator" with her/his own dedicated lab space or with lab space independent of another investigator

Citizenship: United States

Award Amount: Up to \$225,000 paid over 3 years

Indirect Costs: 25% of equipment and research supplies

LOI Deadline: Oct 1, 2020

(Invited) Application Deadline: Jan 15, 2021

Website: <http://www.whitehall.org/grants/>