



---

**PRIVATE FUNDING OPPORTUNITIES: AUG 11, 2017**

---

Please contact Corporate & Foundation Relations in the Office of Development at [devcfr@mgh.harvard.edu](mailto: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.

**1. Career Development Award, American Academy of Neurology (AAN)**

The American Academy of Neurology is pleased to announce a three-year award to support junior investigators interested in an academic research career in neurology.

This award is for junior investigators interested in an academic career in clinical, basic or translational neurological research.

Award Amount: \$450,000 paid over 3 years

Indirect Costs: None

Application Deadline: Oct 1, 2017

Website: <https://www.aan.com/research-and-awards/clinical-research-fellowships/clinical-research-training-fellowships/>

**2. Clinical Research Training Fellowship in Parkinson's Disease - Funded by Lundbeck, American Academy of Neurology (AAN)**

The American Academy of Neurology is pleased to support clinical research training in the neurosciences. This award aims to recognize the importance of good clinical research and to encourage young investigators in clinical studies. The AAN Research Program demonstrates the AAN Board of Directors' dedication to promoting neurology and neuroscience research and training.

For the purpose of this scholarship, research is defined as "patient-oriented research conducted with human subjects, or translational research specifically designed to develop treatments or enhance diagnosis of neurological disease. These areas of research include epidemiologic or



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](mailto:arobb@mgh.harvard.edu)> to schedule an individual consultation or group training session.

behavioral studies, clinical trials, studies of disease mechanisms, the development of new technologies, and health services and outcomes research." Disease-related studies not directly involving humans or human tissue are also encouraged if the primary goal is the development of therapies, diagnostic tests, or other tools to prevent or mitigate neurological diseases.

Award Amount: \$130,000 paid over 2 years

Indirect Costs: None

Application Deadline: Oct 1, 2017

Website: <https://www.aan.com/research-and-awards/clinical-research-training-fellowships/>

### **3. Clinical Research Training Scholarship (Fellowship), American Academy of Neurology (AAN)**

The American Academy of Neurology is pleased to support clinical research training in the neurosciences. This award aims to recognize the importance of good clinical research and to encourage young investigators in clinical studies. The AAN Research Program demonstrates the AAN Board of Directors' dedication to promoting neurology and neuroscience research and training.

For the purpose of this scholarship, research is defined as "patient-oriented research conducted with human subjects, or translational research specifically designed to develop treatments or enhance diagnosis of neurological disease. These areas of research include epidemiologic or behavioral studies, clinical trials, studies of disease mechanisms, the development of new technologies, and health services and outcomes research." Disease-related studies not directly involving humans or human tissue are also encouraged if the primary goal is the development of therapies, diagnostic tests, or other tools to prevent or mitigate neurological diseases.

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

Indirect Costs: None

Application Deadline: Oct 1, 2017

Website: <https://www.aan.com/research-and-awards/clinical-research-fellowships/clinical-research-training-fellowships/>

### **4. Clinical Research Training Scholarship in Dementia with Lewy Bodies, American Academy of Neurology (AAN)/American Brain Foundation (ABF)**

The American Academy of Neurology is pleased to support clinical research training in dementia with Lewy Bodies. This award aims to recognize the importance of good clinical research and to encourage young investigators in clinical studies. The AAN Research Program demonstrates the AAN Board of Directors' dedication to promoting neurology and neuroscience research and training.

For the purpose of this scholarship, research is defined as "patient-oriented research conducted with human subjects, or translational research specifically designed to develop treatments or enhance diagnosis of neurological disease. These areas of research include epidemiologic or behavioral studies, clinical trials, studies of disease mechanisms, the development of new technologies, and health services and outcomes research." Disease related studies not directly involving humans or human tissue are also encouraged if the primary goal is the development of therapies, diagnostic tests, or other tools to prevent or mitigate neurological diseases.

Award Amount: \$130,000 paid over 2 years

Indirect Costs: None

Application Deadline: Oct 1, 2017

Website: <https://www.aan.com/research-and-awards/clinical-research-training-fellowships/>

#### **5. Clinical Research Training Scholarship in Headache, American Academy of Neurology (AAN)/American Brain Foundation (ABF)**

The American Academy of Neurology is pleased to support clinical research training in headache. This award aims to recognize the importance of good clinical research and to encourage young investigators in clinical studies. The AAN Research Program demonstrates the AAN Board of Directors' dedication to promoting neurology and neuroscience research and training.

For the purpose of this scholarship, research is defined as "patient-oriented research conducted with human subjects, or translational research specifically designed to develop treatments or enhance diagnosis of neurological disease. These areas of research include epidemiologic or behavioral studies, clinical trials, studies of disease mechanisms, the development of new technologies, and health services and outcomes research." Disease-related studies not directly involving humans or human tissue are also encouraged if the primary goal is the development of therapies, diagnostic tests, or other tools to prevent or mitigate neurological diseases.

Award Amount: \$130,000 paid over 2 years

Indirect Costs: None

Application Deadline: Oct 1, 2017

Website: <https://www.aan.com/research-and-awards/clinical-research-fellowships/clinical-research-training-fellowships/>

#### **6. Clinical Research Training Scholarship in Neuromuscular Disease, American Academy of Neurology (AAN)/American Brain Foundation (ABF)**

The American Academy of Neurology is pleased to support clinical research training in neuromuscular disease. This award aims to recognize the importance of good clinical research and to encourage young investigators in clinical studies. The AAN Research Program

demonstrates the AAN Board of Directors' dedication to promoting neurology and neuroscience research and training.

For the purpose of this scholarship, research is defined as "patient-oriented research conducted with human subjects, or translational research specifically designed to develop treatments or enhance diagnosis of neurological disease. These areas of research include epidemiologic or behavioral studies, clinical trials, studies of disease mechanisms, the development of new technologies, and health services and outcomes research." Disease-related studies not directly involving humans or human tissue are also encouraged if the primary goal is the development of therapies, diagnostic tests, or other tools to prevent or mitigate neurological diseases.

Award Amount: \$130,000 paid over 2 years

Indirect Costs: None

Application Deadline: Oct 1, 2017

Website: <https://www.aan.com/research-and-awards/clinical-research-training-fellowships/>

#### **7. Clinician-Scientist Development Award in Interventional Neurology, American Academy of Neurology (AAN)/American Brain Foundation (ABF)**

The American Academy of Neurology and the Society of Vascular and Interventional Neurology are pleased to announce a three-year Clinician-Scientist Development Award to support a clinician-scientist's research related to interventional neurology. The award aims to recognize the importance of good clinical research and encourage young investigators in clinical studies.

For the purpose of this scholarship, research is defined as "patient-oriented research conducted with human subjects, or translational research specifically designed to develop treatments or enhance diagnosis of neurological disease. These areas of research include epidemiologic or behavioral studies, clinical trials, studies of disease mechanisms, the development of new technologies, and health services and outcomes research." Disease-related studies not directly involving humans or human tissue are also encouraged if the primary goal is the development of therapies, diagnostic tests, or other tools to prevent or mitigate neurological diseases.

Award Amount: \$240,000 paid over 3 years

Indirect Costs: None

Application Deadline: Oct 1, 2017

Website: <https://www.aan.com/research-and-awards/clinical-research-training-fellowships/>

#### **8. Lawrence M. Brass, MD, Stroke Research Award (Fellowship), American Academy of Neurology (AAN)/American Brain Foundation (ABF)**

The American Academy of Neurology has established a relationship with the American Heart Association/American Stroke Association for the purpose of funding a research award to

support an investigator conducting research related to vascular neurology, stroke, and neurocritical care.

The award is named in honor of Dr. Larry Brass who was an academic neurologist and director of the stroke program at Yale University, and an active volunteer for many committees of the American Heart Association/American Stroke Association and the American Academy of Neurology. He was a clinician and patient-oriented investigator in studies of stroke diagnosis, treatment, prevention, and outcomes research.

The award encourages early career investigators with supportive mentoring relationships to conduct introductory pilot studies that will guide future strategies for reducing cardiovascular disease and stroke. The science focus includes all population research broadly related to cardiovascular disease and stroke.

Award Amount: Up to 50 percent of total award for salary and fringe of the principal investigator, any collaborating investigators, and other participants with faculty appointments.

Indirect Costs: 10%

Application Deadline: Nov 2, 2017

Website: <https://www.aan.com/research-and-awards/clinical-research-training-fellowships/>

### **9. McKnight Clinical Translational Research Scholarship in Cognitive Aging and Age Related Memory Loss, American Academy of Neurology (AAN)**

The American Academy of Neurology in conjunction with the McKnight Brain Research Foundation and the American Brain Foundation is pleased to announce the McKnight Clinical Translational Research Scholarship in Cognitive Aging and Age-Related Memory Loss. This award aims to encourage young investigators in clinical studies relevant to age related memory loss. The award also recognizes the importance of rigorous training in clinical research, and encourages young investigators in seeking opportunities to establish future careers in the area of human cognitive aging.

For the purpose of this scholarship, research is defined as "patient-oriented research conducted with human subjects, or translational research specifically designed to develop treatments or enhance diagnosis of neurological disease associated with cognitive changes, and/or age-related memory loss. These areas of research include epidemiologic or behavioral studies, clinical trials, studies of disease mechanisms, the development of new technologies, and health services and outcomes research." Disease related studies not directly involving humans or human tissue are also encouraged if the primary goal is the development of therapies, diagnostic tests, or other tools to prevent or mitigate neurological diseases. This award is also appropriate for junior investigators interested in an academic career in translational-based research in neurology.

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

Indirect Costs: None

Application Deadline: Oct 1, 2017

Website: <https://www.aan.com/research-and-awards/clinical-research-training-fellowships/>

#### **10. Neuroscience Research Training Scholarship (Fellowship), American Academy of Neurology (AAN)**

The American Academy of Neurology is pleased to support a mentored award for junior investigators interested in an academic career in laboratory-based neurology research. The award aims to recognize the importance of, and encourage young investigators in, good laboratory or preclinical research.

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

Indirect Costs: None

Application Deadline: Oct 1, 2017

Website: <https://www.aan.com/research-and-awards/clinical-research-fellowships/clinical-research-training-fellowships/>

#### **11. Susan S. Spencer Clinical Research Training Fellowship in Epilepsy, American Academy of Neurology (AAN)/American Brain Foundation (ABF)**

The American Academy of Neurology and American Brain Foundation are pleased to announce a two-year scholarship to support clinical research training in the field of epilepsy. It is hoped that this program, targeting fellows and new faculty, will foster the development of investigators interested in pursuing careers in patient-oriented research. The late Susan Spencer, an internationally renowned epileptologist, exemplified the qualities of a clinician-investigator. The award aims to recognize the importance of good clinical research and encourage young investigators in clinical studies.

For the purpose of this scholarship, research is defined as "patient-oriented research conducted with human subjects, or translational research specifically designed to develop treatments or enhance diagnosis of neurological disease. These areas of research include epidemiologic or behavioral studies, clinical trials, studies of disease mechanisms, the development of new technologies, and health services and outcomes research." Disease-related studies not directly involving humans or human tissue are also encouraged if the primary goal is the development of therapies, diagnostic tests, or other tools to prevent or mitigate neurological diseases.

Award Amount: \$130,000 paid over 2 years

Indirect Costs: None

Application Deadline: Oct 1, 2017

Website: <https://www.aan.com/research-and-awards/clinical-research-fellowships/clinical-research-training-fellowships/>

## **12. Health Professional Training Grants - Cancer Control Career Development Awards for Primary Care Physicians (CCFDA), American Cancer Society (ACS)**

This program is intended to encourage and assist in the development of promising individuals who will pursue academic careers in primary care specialties with an emphasis on cancer control. Through the Cancer Control Career Development Award, the Society seeks to support primary care physicians in supervised programs that will develop the candidate's clinical and teaching expertise and his/her capacity to perform independent research in cancer control. It is anticipated that medical school faculty trained under these awards will promote cancer control activities and methodology to students and physicians in the academic setting, as well as those in private practice, and enhance the cancer control knowledge base through scholarly activity.

The Society awards Cancer Control Career Development Awards for Primary Care Physicians to provide opportunities for academically oriented primary care physicians to become leaders in primary care practice, education, and research activities related to cancer control. In evaluating applications for this program, the Society places primary emphasis on the qualifications of the prospective candidate and his/her potential as a future leader in the entire spectrum of cancer control, as well as on the ability of the candidate's institution to implement and support the proposed program. It is important that the application document how the award will lead to a career in cancer control.

Cancer Control Career Development Awards for Primary Care Physicians are intended to support the early development of academic careers that place emphasis on cancer control; candidates with established careers and substantial research funding should not apply. Prospective applicants who are unsure of their eligibility or any other of the program requirements should contact the Society for clarification prior to submission of an application.

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

Indirect Costs: None

Application Deadline: Oct 16, 2017

Website: <http://www.cancer.org/research/applyforaresearchgrant/granttypes/cancer-control-career-development-awards>

## **13. Mentored Research Scholar Grant, American Cancer Society (ACS)**

The purpose of the Mentored Research Scholar Grant is to support junior faculty members to become independent investigators as either clinician scientists or cancer control researchers. This grant is for individuals whose training primarily has prepared them for a career as a clinician or to conduct clinical or cancer control research, with the goal of strengthening their capacity to conduct cancer research and to increase the numbers of these individuals in the field. During the five years of the award, individuals are expected to acquire the research training, mentoring and experience necessary for transition into a successful career as an independent investigator. In addition to the research project itself, the activities during the

award period must be designed to develop the necessary knowledge and skills in relevant areas through mentoring, and may include participating in appropriate courses and lectures.

Award Amount: \$675,000 paid over 5 years

Indirect Costs: 8%

Application Deadline: Oct 16, 2017

Website: <https://www.cancer.org/research/we-fund-cancer-research/apply-research-grant/grant-types/mentored-research-scholar-grants.html>

#### **14. Pilot and Exploratory Projects in Palliative Care of Cancer Patients and Their Families, American Cancer Society (ACS)**

This RFA provides funding for investigators performing pilot and exploratory research studies whose purpose is to test interventions, develop research methodologies, and explore novel areas of research in palliative care of cancer patients and their families. 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.

This RFA is limited to applications that focus on palliative care research projects for seriously ill cancer patients and their families in three specific areas:

1. Exploring the relationship of pain and other distressing symptoms on 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 adults 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.

As a condition of accepting the award, each recipient of this grant, will agree to:

1. Attend the required meetings of the NPCRC in Fall during the award period.
2. Present results of the funded research at this required NPCRC meeting;

Award Amount: Up to \$120,000 paid over 1-2 years

Indirect Costs: 20%

Application Deadline: Oct 16, 2017

Website: <http://www.cancer.org/research/applyforaresearchgrant/granttypes/rfa-palliative-care-cancer-patients>

#### **15. Research Professor and Clinical Research Professor Grants, American Cancer Society (ACS)**

The American Cancer Society offers a limited number of grants to provide unique research opportunities to foster maximal productivity in cancer research. These grants provide flexible



funding for established investigators in mid-career who have made seminal contributions that have changed the direction of cancer research. Furthermore, it is expected that these investigators will continue to provide leadership in their research area. An American Cancer Society Research Professor is required to be a spokesperson for the American Cancer Society and for cancer research.

The American Cancer Society offers a limited number of grants to provide unique research opportunities to foster maximal productivity in clinical and applied cancer research. These grants provide flexible funding for established investigators in mid-career who have made seminal contributions in areas of cancer control that have changed the direction of clinical, psychosocial, behavioral, health policy or epidemiologic cancer research. Furthermore, it is expected that these investigators will continue to provide leadership in their research area. The award also may be used to support similarly qualified individuals who are dedicated to bringing advances in basic sciences into the clinical arena and to articulating clinical problems for basic research scientists. An American Cancer Society Clinical Research Professor is required to be a spokesperson for the American Cancer Society and for cancer research.

Award Amount: \$800,000 paid over 5 years

Indirect Costs: None

Application Deadline: Oct 16, 2017

Website: <https://www.cancer.org/research/we-fund-cancer-research/apply-research-grant/grant-types/research-professor-grants.html>

#### **16. Research Scholar Grants, American Cancer Society (ACS)**

With a primary focus on beginning investigators, the American Cancer Society's Extramural Grants Program seeks to support innovative cancer research across a wide range of disciplines to meet critically important needs in the control of cancer.

Award Amount: Up to \$660,000 paid over 4-5 years

Indirect Costs: 20%

Application Deadline: Oct 16, 2017

Website: <http://www.cancer.org/research/applyforaresearchgrant/granttypes/research-scholar-grants>

#### **17. The Role of Health Policy and Health Insurance in Improving Access to and Performance of Cancer Prevention, Early Detection, and Treatment Services, American Cancer Society (ACS)**

Purpose: A call for research that evaluates the impact of the many changes now occurring in the healthcare system with a particular focus on cancer prevention, control, and treatment. Efforts focusing on improving access to care may also impact inequities that contribute to health disparities. New health public policy initiatives such as the new federal and state marketplaces

that have expanded insurance coverage, as well as Medicaid expansion in some states, create natural experiments ripe for evaluation. Research to be funded by this RFA should focus on the changes in national, state, and/or local policy and the response to these changes by healthcare systems, insurers, payers, communities, practices, and patients.

The association is keenly interested in supporting rapid learning research to study the effects of health policy changes on patients, providers, and health systems. This includes but is not limited to:

- Facilitators and barriers to care;
- Unintended consequences;
- Differential experiences and outcomes of patients seeking or receiving care;
- Best practice models for quality care; and,
- Economic Impact

Award Amount: Up to \$800,000 paid over 4 years

Indirect Costs: 20%

Application Deadline: Oct 16, 2017

Website: <http://www.cancer.org/research/applyforaresearchgrant/granttypes/rfa-role-healthcare-insurance-cancer>

### **18. Daland Fellowships in Clinical Investigation, American Philosophical Society (APS)**

The Society awards fellowships in clinical investigation for research in the several branches of clinical medicine, including internal medicine, neurology, pediatrics, psychiatry, and surgery. The committee emphasizes patient-oriented research.

The Society expects that essentially 100% of the Fellow's time will be devoted to research. With the cognizance of the committee, teaching or clinical service of a limited amount is permitted. The committee reserves final decisions until it has a clear understanding of the Fellow's financial support for the project, whether in the form of additional salary granted by the institution at which the Fellow is located or from other fellowships.

Award Amount: \$40,000-\$80,000 for 1-2 years

Indirect Costs: None

Application Deadline: Sep 15, 2017

Website: <http://www.amphilsoc.org/grants/daland>

### **19. Milstein Research Scholar Awards for Melanoma/Non-Melanoma Skin Cancer, American Skin Association (ASA)**

This award supports basic science and clinical research for melanoma/non-melanoma skin cancer by gifted investigators in the early phases of their careers. This program offers funds to foster the career development of a young investigator working in the field of dermatology or

cutaneous biology. The aim of the program is to provide bridge support for young investigators.

The individual must have a strong career goal within the field of dermatology and be dedicated to the furtherance of knowledge concerning melanoma/non-melanoma skin cancer. The research must be focused on new discoveries in the basic or translational medical sciences that impact the understanding or treatment of melanoma/non-melanoma skin cancer.

Award Amount: \$60,000

Indirect Costs: None

Application Deadline: Oct 1, 2017

Website: <http://www.americanskin.org/research/seekers.php>

## **20. Career Development Award (CDA), American Society of Clinical Oncology (ASCO)/Conquer Cancer Foundation**

The CDA provides research funding to clinical investigators, who have received their initial faculty appointment, as they work to establish an independent clinical cancer research program. This research must have a patient-oriented focus, including a clinical research study and/or translational research involving human subjects. Proposals with a predominant focus on in vitro or animal studies (even if clinically relevant) are not allowed.

The Foundation has funding in 2018 for breast cancer but also encourages applications in all other areas.

Award Amount: \$200,000 paid over 3 years

Indirect Costs: 6.3%

Application Deadline: Sep 21, 2017

Website: <https://www.conquercancerfoundation.org/career-development-award>

## **21. Global Oncology Young Investigator Award, American Society of Clinical Oncology (ASCO)/Conquer Cancer Foundation**

The Global Oncology Young Investigator Award is intended to support:

1. Research by investigators in low resource settings on scientific questions specific to those settings. This research has potential to offer "reverse innovation" insights that could influence practice in a wide range of practice settings.
2. Research by investigators in high resource settings on issues in resource-limited settings.
3. Collaborative research (high and low resource investigators) on questions of shared concern, such as studying a cancer type that affects a small population in the U.S. but is common in another country.

Applicants are encouraged to be innovative in their research proposal. Proposed research projects could include, but are not limited to:

- Clinical and translational research
- Innovative care delivery
- Prevention and palliative care
- Implementation research
- Health Systems, Outcomes and Economics research related to cancer control and care

Award Amount: \$25,000-\$50,000 for 1 year

Indirect Costs: 10%

Application Deadline: Sep 21, 2017

Website: <https://www.conquer.org/global-oncology-young-investigator-award>

## **22. Young Investigator Award (YIA), American Society of Clinical Oncology (ASCO)/Conquer Cancer Foundation**

The Young Investigator Award (YIA) provides funding to promising investigators to encourage and promote quality research in clinical oncology. The purpose of this grant is to fund physicians during the transition from a fellowship program to a faculty appointment.

Award Amount: \$50,000 for 1 year

Indirect Costs: 5%

Application Deadline: Sep 21, 2017

Website: <https://www.conquer.org/young-investigator-award>

## **23. Research Grant Program, Barth Syndrome Foundation, Inc. (BSF)**

The Foundation and its international affiliates announce the availability of funding for basic science and clinical research on the natural history, biochemical basis, and treatment of Barth syndrome. The Foundation is interested in providing "seed grant funding" to young investigators as well as attracting experienced investigators new to the field of Barth syndrome basic science or clinical research. They anticipate that these funds will be used for the testing of initial hypotheses and the collection of preliminary data leading to successful long-term funding by the National Institutes of Health (NIH) and other major granting institutions around the world.

Barth syndrome (BTHS) is a serious X-linked genetic condition associated with cardiomyopathy, neutropenia, skeletal muscle weakness, exercise intolerance, growth delay, and diverse biochemical abnormalities (including defects in mitochondrial metabolism and phospholipid biosynthesis). Because many clinical and biochemical abnormalities of Barth syndrome remain poorly understood, we are seeking proposals for both basic science and clinical research that may shed light on any aspect of the syndrome with the object of developing a specific treatment or a cure.

Although BSF will consider any research proposal related to Barth syndrome, it is particularly interested in supporting research in the areas:

- The mechanism of neutropenia in Barth syndrome,
- The gastrointestinal pathophysiology in Barth syndrome, and
- The search for compounds that may improve mitochondrial performance in Barth syndrome.

Award Amount: There are two basic categories: IDEA grants for 1-2 years and DEVELOPMENT grants for 2-3 years with budgetary maximums of US \$50,000 or \$100,000, respectively.

Indirect Costs: 10%

LOI Deadline: Sep 7, 2017

Website: <http://www.barthsyndrome.org/science--medicine/research-grant-program>

#### **24. Request for Proposals for Basic Research, Families of SMA (FSMA) (Families of Spinal Muscular Atrophy)**

Cure SMA wants to encourage applications on novel research that will enhance our understanding of SMA disease pathology at the molecular, cellular, and biochemical level; generate key reagents and tools to facilitate drug development and clinical trials; and identify new therapeutic strategies for SMA, in particular combination approaches.

The Board envisions that studies funded by this Research RFP will fall into one the following key areas:

- Studies focused on the molecular and biochemical mechanisms regulating SMN expression or mediating SMN function. Results should lead to a better understanding of the requirements for SMN protein biologically. There is a particular interest in identifying genetic modifiers, upstream regulators of SMN expression/splicing/function, and downstream effectors of SMN functional activity, resulting in new drug targets for SMA.
- Studies resulting in greater understanding of the pathophysiology of SMA, using well-validated animal or cellular models of the SMA. This includes focus on the tissue or timing requirements for SMN protein, the cellular autonomy of the disease in motor neurons and other cells, peripheral versus central manifestations of SMA, and others.
- Studies focused on early proof-of concept assessment of novel therapeutic approaches for SMA in well-validated animal or cellular models of the disease or on progressing aspects of ongoing preclinical drug programs for SMA towards IND. Proposed SMN enhancing approaches should have advantage over current candidates or have the ability to be used in combination. Particular interest exists in non-SMN based approaches with the potential for combination use with SMN up-regulation strategies.

- Work focused on generating research or clinical trial tools for SMA, such as new animal models, phenotypic cellular assays, activity assays for SMN function, biomarkers or outcome measures for clinical trials, and newborn screening protocols/technologies.

Award Amount: Up to \$150,000 for 1-2 years

Indirect Costs: 8%

Application Deadline: Sep 8, 2017

Website: <http://www.curesma.org/research/for-researchers/funding-opportunities/basic-research-funding-opportunities/>

## **25. Gund-Harrington Scholar Award (Program), Foundation Fighting Blindness (FFB)**

Foundation Fighting Blindness and Harrington Discovery Institute have partnered to form the Gund-Harrington Scholar program. This initiative is focused on accelerating the translation of research findings in retinal degenerative diseases with the ultimate goal of developing new therapies to improve and/or restore vision.

The Gund-Harrington Scholar Award supports innovative research efforts that could prevent, treat or cure blindness.

Areas of interest include, but are not limited to:

- Treatment strategies that are not gene specific, but might be broadly applicable across many patients
- Therapies that may be effective in later stages of disease
- Gene modifying or gene therapy strategies
- Therapies that address juvenile macular degeneration
- Regenerative medicine therapies that focus on stem cells differentiated into photoreceptor cells
- Novel targets to address unmet need

Gund-Harrington Scholar Award projects should have the following characteristics:

- Innovative science potentially leading to treatment or prevention of inherited retinal degenerative diseases
- The potential to be developed into a commercial product
- Development of a small molecule or biologic

Diagnostics are only acceptable if linked to a therapeutic product.

Award Amount: \$900,000 paid over 3 years

Indirect Costs: Unspecified

LOI Deadline: Oct 25, 2017

Website: <http://www.uhospitals.org/services/harrington-discovery-institute/funding-and-programs/gund-harrington-scholar-program>

**26. Target Advancement Program (Edmond J. Safra Core Programs for PD Research), Michael J. Fox Foundation for Parkinson's Research (MJFF)**

MJFF evaluates PD-relevant targets against several criteria before investing in therapeutic development programs and considers a target sufficiently validated when each of the following characteristics are replicated and cross validated across research entities:

- Genetic link or evidence of differential expression or activity in PD patients, and
- Ability to modulate the target specifically in vivo using genetic or pharmacological manipulations to yield outcomes indicative of clinical efficacy in multiple whole mammalian PD models.

Proposed research for the Target Advancement Program should focus on filling these key translational gaps specific to a particular target. MJFF will prioritize proposals utilizing experimental systems with high construct and predictive validity to human PD, such as patient-derived material and/or animal models utilizing clinically translatable endpoints. Types of studies proposed may include:

- Human tissue and fluid matrix assessments to determine target distribution patterns and/or target activity in normal and pathological states
- Demonstration of PD therapeutic relevance of the target or neural substrate by determining the consequences of manipulating its activity/expression in relevant animal models
- Elucidation of target biology in relevant in vitro, cellular and in vivo models to understand physiological and pathological roles of the target, as well as the potential for safety liability (Projects that utilize human-derived tissues where appropriate are encouraged.)
- Development of an animal model or tool that can be used to further model or modulate PD-relevant targets, and
- Identification of upstream or downstream signaling nodes of a validated target with therapeutic potential.

Target Advancement Awards to evaluate novel targets are well-suited to projects where hypothetical or experimental rationale is compelling for a target's role in PD and study results can make the case for continuing (or discontinuing) a line of research. MJFF will prioritize proposals for targets that can already demonstrate one or more of the following:

- Genetic association of the target or its pathway to PD etiology, pathophysiology, symptoms, or treatment response
- Altered expression or function of the target or its pathway in PD-relevant human tissue
- Clinical trial data implicating the target, target pathway or neural substrate in PD, or
- Novel PD-relevant targets that are biomarker-amenable (i.e., secreted or extracellularly expressed factors).

Target Advancement Awards to continue research on established targets are well suited to projects that focus on filling key gaps in target understanding and manipulation within the

context of disease and treatment biology. Applicants may submit proposals on any of the following MJFF prioritized targets\*:

- Alpha-synuclein
- GBA
- LRRK2
- Parkin/Pink1
- Nurr1, or
- Trophic factors

Award Amount: \$100,000 for 1 year

Indirect Costs: 10%

Preliminary Proposal Deadline: Sep 27, 2017

Website: <https://www.michaeljfox.org/research/grant-detail.php?id=27>

## **27. Therapeutic Pipeline Program, Michael J. Fox Foundation for Parkinson's Research (MJFF) New**

Part of MJFF's Edmond J. Safra Core Programs for PD Research, the Therapeutic Pipeline Program supports Parkinson's disease therapeutic development along the pre-clinical and clinical path (both drug and non-pharmacological therapeutics, including gene therapy, biological, surgical and non-invasive approaches). MJFF seeks applications with potential for fundamentally altering disease course and/or significantly improving treatment of symptoms above and beyond current standards of care. Proposals must have a well-defined plan for moving toward clinical utility for patients. The program is open to industry and academic investigators. The program is open to proposals for novel approaches or repositioning approved or clinically safe therapies from non-PD indications.

### 1. Disease-modifying strategies

Proposals may aim to achieve the following, though there are no restrictions on application goals.

Protect or restore degenerating and/or dysfunctional neurons affected in PD. Proposals may address:

- Protein folding
- Mitochondrial function
- Inflammation
- Alpha-Synuclein
- LRRK2
- GBA

### 2. Symptomatic strategies

Proposals may aim to achieve the following, though there are no restrictions on application goals:



- Alleviate disabling motor symptoms of PD
- Alleviate non-motor symptoms of PD
- Alleviate complications of PD treatment

Award Amount: Pre-clinical funding is \$200,000-\$400,000, appropriate to the stage of research. Clinical funding is commensurable with the stage and goals.

Indirect Costs: 25%

Preliminary Proposal Deadline: Sep 27, 2017

Website: <https://www.michaeljfox.org/research/grant-detail.php?id=28>

## **28. Biomedical Research Project Grants, Motor Neurone Disease Association (MNDA) (MND Association)**

The MND Association supports biomedical research on Amyotrophic Lateral Sclerosis and related conditions, in all relevant disciplines. The objectives of the MND Association research funding programme are to support research aimed at understanding the causes of MND, elucidating disease mechanisms and facilitating the translation of therapeutic strategies from the laboratory to the clinic.

The essential purpose of the grant is to support a single project, i.e. a piece of work designed to answer a single question or a small group of related questions.

Applicants can be based outside the UK and Ireland, provided the project is unique in concept or design (i.e. no similar research is being performed in the UK) and involves a significant aspect of collaboration with a UK institute.

Award Amount: £255,000 GBP for up to 3 years

Indirect Costs: Unspecified

Application Deadline: Nov 3, 2017

Website: <https://www.mndassociation.org/research/for-researchers/research-grants/type-of-grant/biomedical-research-project-grants/>

## **29. Accelerator Award, Neuroendocrine Tumor Research Foundation (NETRF/NET Research Foundation)**

The foundation's mission is to accelerate scientific discovery that will help create new and more effective therapies for carcinoid, pancreatic, bronchial, and other types of NETs. Although significant progress has been made, there are still too few NET investigators and an incomplete understanding of the unique characteristics of these tumors.

While the foundation is still interested in pancreatic and gastrointestinal tract NETs, this year are also sought proposals addressing other common but less well researched forms, such as bronchial NETs. Some areas of interest include but are not limited to: application of existing or

new technologies to study, understand and target NETs - the immune microenvironment, nanotherapies, patient-derived xenografts - clinical, correlative, adaptive studies - nuclear medicine, theranostics, imaging - metastasis drivers, chemoresistance, biomarkers.

Award Amount: \$1.2 million paid over 4 years

Indirect Costs: 10%

LOI Deadline: Sep 5, 2017

Website: <https://netrf.org/research/grant-opportunities/>

### **30. Petersen Investigator Award, Neuroendocrine Tumor Research Foundation (NETRF/NET Research Foundation)**

The foundation's mission is to accelerate scientific discovery that will help create new and more effective therapies for carcinoid, pancreatic, bronchial, and other types of NETs. Although significant progress has been made, there are still too few NET investigators and an incomplete understanding of the unique characteristics of these tumors.

While the foundation is still interested in pancreatic and gastrointestinal tract NETs, this year are also sought proposals addressing other common but less well researched forms, such as bronchial NETs. Some areas of interest include but are not limited to: application of existing or new technologies to study, understand and target NETs - the immune microenvironment, nanotherapies, patient-derived xenografts - clinical, correlative, adaptive studies - nuclear medicine, theranostics, imaging - metastasis drivers, chemoresistance, biomarkers.

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

Indirect Costs: 10%

LOI Deadline: Sep 5, 2017

Website: <https://netrf.org/research/grant-opportunities/request-for-applications-2017/>

### **31. Pilot Awards, Neuroendocrine Tumor Research Foundation (NETRF/NET Research Foundation)**

The foundation's mission is to accelerate scientific discovery that will help create new and more effective therapies for carcinoid, pancreatic, bronchial, and other types of NETs. Although significant progress has been made, there are still too few NET investigators and an incomplete understanding of the unique characteristics of these tumors.

While the foundation is still interested in pancreatic and gastrointestinal tract NETs, this year are also sought proposals addressing other common but less well researched forms, such as bronchial NETs. Some areas of interest include but are not limited to: application of existing or new technologies to study, understand and target NETs - the immune microenvironment, nanotherapies, patient-derived xenografts - clinical, correlative, adaptive studies - nuclear medicine, theranostics, imaging - metastasis drivers, chemoresistance, biomarkers.

Award Amount: \$50,000-\$100,000 for 1 year

Indirect Costs: 10%

LOI Deadline: Sep 5, 2017

Website: <https://netrf.org/research/grant-opportunities/request-for-applications-2017/>

### **32. Evidence for Action: Investigator-Initiated Research to Build a Culture of Health, Robert Wood Johnson Foundation (RWJF)**

Evidence for Action (E4A), a national program of the RWJF, funds research that expands the evidence base needed to build a Culture of Health. The program's mission is to support rigorously designed 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. The foundation is 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.

Award Amount: There is not an explicit range for allowable budget requests. The applicant should request the amount of funding the applicant will need to complete her/his proposed research project - including both direct and indirect costs for the entire duration of your study. Grant periods may be for durations of up to 36 months.

LOI Deadline: Continuous

Website: <http://www.rwjf.org/en/library/funding-opportunities/2015/evidence-for-action-investigator-initiated-research-to-build-a-culture-of-health.html>

### **33. TSF Nina Starr Braunwald Research Award, Thoracic Surgery Foundation (TSF)**

The grant provides operational support of original research efforts by women cardiac surgeons who have completed their formal training, and who are seeking initial support and recognition for their research program.

This award provides operational funding to support the costs of original research. Preference will be given to either clinic or laboratory based investigations that are judged likely to generate data that will, in turn, facilitate subsequent funding support for the applicant. In making the awards, emphasis will be placed on originality, clear, concise presentation of a logical project, high probability of successful project completion, and importance of the work toward the advancement of cardiac surgery.

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

Indirect Costs: None

Application Deadline: Oct 15, 2017

Website: <http://thoracicsurgeryfoundation.org/awards/braunwald-research-grant/>

**34. TSFRE Nina Starr Braunwald Research Fellowship, Thoracic Surgery Foundation (TSF)**

The fellowship supports a woman resident working in a cardiac surgical clinic or laboratory research program who has not yet completed cardiothoracic surgical training.

This award is designed to provide salary and/or direct experimental support for women cardiac surgical trainees who wish to acquire investigational skills. Although 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 placed 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.

Award Amount: \$60,000 paid over 2 years

Indirect Costs: None

Application Deadline: Oct 15, 2017

Website: <http://thoracicsurgeryfoundation.org/awards/braunwaldfellowship/>

**35. TSF Research Grant, Thoracic Surgery Foundation (TSF)**

This award provides operational support of original research efforts by cardiothoracic surgeons who have completed their formal training, and who are seeking initial support and recognition for the research program.

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

Indirect Costs: None

Application Deadline: Oct 15, 2017

Website: <http://tsfre.org/awards/tsf-research-grant/>