



FOUNDATION FUNDING OPPORTUNITIES: NOVEMBER 19, 2021

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.

The MGB **Proposal Deadline Policy** establishes internal deadlines for sponsored research proposals to ensure that submissions meet sponsor criteria and institutional/regulatory requirements. Deadlines are:

- The complete Administrative Components are due to Research Management (RM) on or before the **8th Business Day** by 5 PM.
- The Final (Science) Components are due to RM on or before the **3rd Business Day**.

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

Table of Contents

1. [Basic Research Fellowships](#), American Brain Tumor Association (ABTA)
2. [Discovery Grant](#), American Brain Tumor Association (ABTA)
3. [Research Grant Program](#), American Society for Laser Medicine and Surgery (ASLMS)
4. [Clinical Fellowship Training Program](#), Dystonia Medical Research Foundation (DMRF)
5. [Phase I and II Clinical Trial Grant Programs](#), Gateway for Cancer Research
6. [Addressing Evidence-Based Health Benefits of Human-Animal Interaction](#), Human Animal Bond Research Institute (HABRI)
7. [Glioma Emerging Leader Grant Award](#), Ivy Foundation
8. [Translational Adult Glioma Grant Award](#), Ivy Foundation
9. [Hollis Brownstein Research Grants Program](#), Leukemia Research Foundation, Inc.
10. [First Look Awards](#), Massachusetts Life Sciences Center
11. [Ann Theodore Foundation Breakthrough Sarcoidosis Initiative](#), Milken Institute
12. [Nontraditional, Nonsurgical Treatment Grants](#), North American Spine Society (NASS)
13. [Research Grants](#), North American Spine Society (NASS)
14. [Young Investigator Grants](#), North American Spine Society (NASS)



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](#).

1. Basic Research Fellowships, American Brain Tumor Association (ABTA)

The intent of this program is to encourage talented, early-career scientists to enter, and remain in, the field of brain tumor research. As such, the ABTA hopes to help ensure a continuum of dedicated, well-trained brain tumor researchers that will emerge as the next generation of leaders in the field.

ABTA Basic Research Fellowships provide support for basic research projects that have significant potential to advance our understanding of the causes, effects, diagnosis and treatment of brain tumors. Studies focusing on quality of life or survivorship issues are not appropriate for this research focus area. This funding mechanism is appropriate for both basic and clinical fellows conducting laboratory or field-based research projects. The research proposed should not be defined as clinical research, or research for which an investigator directly interacts with human subjects/patients.

Appropriate research projects include, but are not limited to, the following areas:

- Biomarkers of risk, disease burden, and/or treatment response
- Brain Tumor Biology
- Diagnosis
- Drug Delivery
- Etiology
- Genetics
- Imaging
- Molecular/genetic epidemiology
- Novel Therapeutics
- Risk assessment

Eligibility requirements (partial list):

- Must have a doctoral degree, including MD, PhD, DrPH, DO or equivalent
- At the start of the grant term, applicants must hold a full-time faculty position and cannot have held a full-time faculty appointment before September 1, 2012.

Citizenship: Unrestricted

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

Indirect Costs: None

LOI Deadline: December 9, 2021

Research Management Deadline: March 22, 2022

(Invited) Application Deadline: March 31, 2022

Website: <https://www.abta.org/research/for-researchers/>

2. Discovery Grant, American Brain Tumor Association (ABTA)

The ABTA Discovery Grants are intended to encourage the development of new approaches to the diagnosis and treatment of brain tumors. By providing funding through its Discovery

Grants, the ABTA seeks to support high-risk/high-impact projects with the potential to change current diagnostic or treatment paradigms for adult and pediatric brain tumor care.

These grants specifically encourage novel research by allowing researchers to conduct the early scientific studies needed to secure additional/future funding for their projects. Additionally, investigators from sciences outside traditional biological fields are encouraged to apply. The development of new diagnostic and therapeutic approaches advances the understanding and treatment of brain tumors, and increases the potential for improving, extending and ultimately saving the lives of those living with a brain tumor diagnosis.

These grants seeks projects focused on all brain tumor types, benign or malignant, primary or secondary (metastatic).

Appropriate research projects include, but are not limited to, the following areas:

- Biomarkers of risk, disease burden, and/or treatment response
- Brain Tumor Biology
- Clinical research
- Diagnosis
- Drug Delivery
- Etiology
- Genetics
- Imaging
- Molecular/genetic epidemiology
- Novel Therapeutics
- Risk assessment

Eligibility requirements (partial list):

- A Lead Mentor is required only for Applicants/PIs that are within first 5 years of a faculty appointment.
- Must have a doctoral degree, including MD, PhD, DrPH, DO, or equivalent at the time of Letter of Intent (LOI) submission.
- At the start of the grant term, applicants must hold a full-time faculty position and cannot have held a full-time faculty appointment before September 1, 2012.

Citizenship: Unrestricted

Award Amount: \$50,000 for 1 year

Indirect Costs: None

LOI Deadline: December 9, 2021

Research Management Deadline: March 22, 2022

(Invited) Proposal Deadline: March 31, 2022

Website: <https://www.abta.org/research/for-researchers/>

3. Research Grant Program, American Society for Laser Medicine and Surgery (ASLMS)

The American Society for Laser Medicine and Surgery (ASLMS) supports research projects designed to foster the development and use of lasers and other related technologies in medical and surgical applications. While the best research projects will be given priority for funding, a concerted effort will be made to award a balance of basic science and clinical research.

The primary purpose of the ASLMS Research Grant Program is to conduct research which can be applied to medical and surgical care of patients. Preference will be given to proposed research projects which have a direct implication for medical or surgical applications. While the best research projects will be given priority, a concerted effort will be made to award a balance of basic science and clinical research.

Eligibility requirements (partial list):

- Applicants must presently be enrolled in or have completed post-doctoral and/or residency training after January 1, 2014.
- All non-ASLMS members will be required to apply for and be accepted into ASLMS membership.

Citizenship: Unspecified

Award Amount: \$70,000 for 1 year

Indirect Costs: 10%

Pre-Application Deadline: November 29, 2021

Research Management Deadline: February 3, 2022

(Invited) Application Deadline: February 14, 2022

Website: <https://www.aslms.org/for-professionals/grants-awards/research-grants/aslms-research-grant>

4. Clinical Fellowship Training Program, Dystonia Medical Research Foundation (DMRF)

The fellowship should focus on training in both the clinical evaluation and care of patients with dystonia and the conduct of clinical research on dystonia. The training must be patient-oriented and include hands-on experience in clinics as well as participation in professional meetings and workshops. Involvement in the activities of the Dystonia Coalition and participation in courses related to dystonia at major neurological meetings will also be expected.

Eligibility requirements (partial list):

- Applicants must be board certified or board eligible in neurology, have completed a neurology residency, hold a license to practice medicine in the United States, and intend to practice in the US upon the completion of their fellowship. Previous awardees are not eligible to apply.
- The fellowships will only be awarded to second or third year movement disorder fellows who can directly engage in dystonia research at institutions with established training programs that have the appropriate resources to provide both clinical and

research training in dystonia, including the use of all botulinum toxin type A and type B approved for use in the United States.

Citizenship: Unrestricted

Award Amount: \$65,000 for 1 year

Indirect Costs: None

Research Management Deadline: December 29, 2021

Application Deadline: January 7, 2022

Website: <https://dystonia-foundation.org/research/fellow-training/>

5. Phase I and II Clinical Trial Grant Programs, Gateway for Cancer Research

Gateway funds Phase I and II patient-centered cancer clinical trials that have the potential to shift the paradigm for standard of care. We strive to fund treatment-based studies at the bedside, including all types of cancers.

We advance our mission by funding Phase I and II patient-centered clinical trials focusing on the following priority research areas:

- Biomarkers/Molecular Markers (genomic or proteomic)
- Gene Therapy
- Histology Agnostic/Basket Trial
- Immunotherapy
- Targeted Therapies

Our focus is on the following therapeutic areas:

- New Investigational Therapies
- Novel Use or Approach
- Precision Medicine
- Integrative Medicine

Programs include:

- **GFCR Grant Program**: These core grants fund early phase clinical trials for cancers of all types at renowned institutions around the world. Grants are typically 2-5 years in duration with award amounts from \$200,000 to \$1.5 million.
- **GFCR Integrative Program**: Gateway is focused on funding integrative oncology research that pairs conventional therapies with evidence-based integrative therapies to manage symptoms and side effects from treatment. This also aims to increase quality of life, especially post-treatment. Grants are generally awarded for a 2-5 year period, with total award amounts generally ranging from \$200,000 to \$1.5 million.
- **NCI / SPORE Program**: Gateway is partnering with the NCI to give SPORE recipients the opportunity to apply for supplemental funding for their early phase, innovative clinical trials. The Gateway funding could enable principal investigators and their respective institutions to start a new trial by adding an additional arm, add patient

cohorts and/or new correlative analysis. Funding cannot duplicate scope of work of the SPORE award. Grants are generally awarded for a 2-5 year period, with total award amounts generally ranging from \$200,000 to \$800,000.

- **SIO Integrative Program:** Gateway is focused on funding integrative oncology research that pairs conventional therapies with evidence-based integrative therapies to manage symptoms and side effects from treatment. This also aims to increase quality of life, especially post-treatment. Grants are generally awarded for a 2-5 year period, with total award amounts generally ranging from \$200,000 to \$1.5 million.

Indirect Costs: None

Research Management Deadline: January 21, 2022

LOI Deadline: February 1, 2022

Website: <https://gatewaycr.smapply.org/>

6. Addressing Evidence-Based Health Benefits of Human-Animal Interaction, Human Animal Bond Research Institute (HABRI)

HABRI is issuing a call for research proposals from institutions and organizations across the globe to investigate the health outcomes of pet ownership and/or animal-assisted interventions (AAI) or therapy, both for the people and the animals involved. Proposals should have a strong theoretical framework and focus on innovative approaches to studying the health effects of companion animals on humans within the following broad categories:

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

In an effort to help address larger societal challenges, proposals that have potential to impact current public health crises or issues at the forefront of public concern are welcomed. Topics include (but are not limited to) impacts on diverse and under-represented populations, social isolation and loneliness, suicide prevention, addiction, trauma and/or post-traumatic stress, obesity, and heart health.

Citizenship: Unrestricted

Award Amount: While there is no budget cap, HABRI awards an average of 5-6 projects each year with project costs averaging approximately \$45,000 per project and an average duration of about 20 months.

Indirect Costs: 10%

Research Management Deadline: February 15, 2022

Application Deadline: February 24, 2022

Website: <https://habri.org/funding-opportunities>

7. Glioma Emerging Leader Grant Award, Ivy Foundation

The Ben & Catherine Ivy Foundation Emerging Leader Award provides grant support to early-to-mid-career investigators (within ten years of beginning initial faculty appointment) conducting high-impact, high-reward translational research for glioma. This award is intended to support ambitious pilot projects designed to identify drug strategies appropriate for early-phase pharmacodynamic- and pharmacokinetic-driven clinical trials in partnership with the Ivy Brain Tumor Center.

Projects appropriate for this award must focus on one of more potential therapies with attributes suitable for a future Phase 0-type trial.

This award is not intended to be the main source of funding for the applicant's laboratory.

Citizenship: Unrestricted

Award Amount: \$500,000 paid over 2 years

Indirect Costs: 10% (included in award total)

Research Management Deadline: February 18, 2022

Application Deadline: March 1, 2022

Website: <http://ivyfoundation.org/ivy-foundation-emerging-leader-grant-award/>

8. Translational Adult Glioma Grant Award, Ivy Foundation

The Ben & Catherine Ivy Foundation Emerging Adult Glioma Award provides grant support to investigators conducting high-impact, high-reward translational research for glioma. This award is intended to support projects designed to contribute to identifying therapies that will impact the survival of patients with brain cancer.

Citizenship: Unrestricted

Award Amount: \$600,000 paid over 2 years

Indirect Costs: 10% (included in award total)

Research Management Deadline: February 18, 2022

Application Deadline: March 1, 2022

Website: <http://ivyfoundation.org/ivy-foundation-translational-adult-glioma-grant-award/>

9. Hollis Brownstein Research Grants Program, Leukemia Research Foundation, Inc.

The Leukemia Research Foundation exclusively funds New Investigators - individuals beginning to establish their own laboratories that are no longer under the tutelage of a senior scientist mentor. It is difficult for them to get the level of funding they need at this critical point in their careers.

The Leukemia Research Foundation is unique in the level of support it provides to highly promising scientists in this absolutely critical research niche. Providing one year grants to

selected New Investigator researchers allows innovative scientists to act on their ideas, and try new procedures and experiments that will hopefully lead to significant breakthroughs. The Leukemia Research Foundation funds the research of scientists that are from independent labs, not the labs of pharmaceutical companies.

The criterion on which the panel bases their assessment includes three basic points:

1. Innovation - the innovation a proposal offers, discerning whether the findings will contribute to leukemia, lymphoma, multiple myeloma, and MDS research.
2. Mission - what effect the study may have on how blood cancers are detected, diagnosed and treated.
3. Training/Environment - training and preparedness of the applicant & their research setting.

Citizenship: Unrestricted

Award Amount: \$100,000 for 1 year

Indirect Costs: None

LOI Deadline: February 4, 2022

Research Management Deadline: March 24, 2022

(Invited) Proposal Deadline: April 4, 2022

Website: <https://allbloodcancers.org/guidelines/>

10. (Translational Sex and Gender Difference) First Look Awards, Massachusetts Life Sciences Center

The First Look Awards are a collaboration between the Massachusetts Life Sciences Center (MLSC) and the Mary Horrigan Connors Center for Women's Health and Gender Biology at Brigham and Women's Hospital (BWH), Harvard Medical School. The goal of this grant program is to support translational research at Massachusetts research institutions that furthers our understanding of sex and gender differences especially for diseases or conditions that affect women exclusively, predominately, or differentially. The First Look Awards align with the Connors Center First.In.Women Precision Medicine Platform, which seeks to promote translational investigation to ensure that novel therapeutics are developed to optimize health for both women and men. Through this collaboration, the MLSC and Connors Center will conduct a review process that ends with an award announcement at the BWH Connors Center National Summit on the Health of Women.

Project Evaluation:

- The project must have a human health focus with core technology and/or service in biotechnology, pharmaceuticals, medical devices, medical diagnostics or imaging, bioinformatics, digital health, genomics, nanotechnology, drug delivery, proteomics, regenerative medicine, etc.
- Funding must be used to support an experiment that increases the translational opportunity for the technology

Eligibility requirements (partial list):

- Full Time or Part Time Faculty at Massachusetts Based Research Institution
- Primary appointment at a Massachusetts Research Institution
- Researchers must be proposing a project that is focused on increasing understanding of sex and gender differences in biology or developing solutions for diseases or conditions that affect women exclusively, predominately, or differentially.

Citizenship: Unspecified

Award Amount: \$50,000

Indirect Costs: 15%

Research Management Deadline: January 19, 2022

Application Deadline: January 28, 2022

Website: <https://www.masslifesciences.com/programs/firstlookawards/>

11. Ann Theodore Foundation Breakthrough Sarcoidosis Initiative, Milken Institute

The Ann Theodore Foundation is launching a new scientific program focused on funding sarcoidosis research in partnership with the Milken Institute Center for Strategic Philanthropy. The Milken Institute is now accepting applications for research projects that seek to understand the biology of sarcoidosis and increase our understanding of the genetic, molecular, and immunological aspects of the disease.

The scientific focus of sarcoidosis proposals shall address one or more of the following focus areas in human, mouse, or cell models, though studies utilizing human models will be prioritized:

- Studies that elucidate the heterogeneity of clinical course within sarcoidosis, utilizing approaches inclusive of molecular biology, epidemiology, and polygenetic studies
- Investigations into the immunobiology of sarcoidosis, such as immunotyping and immunodissections
- Studies that elucidate the mechanisms of downstream effects in sarcoidosis (e.g., fibrosis)
- Studies that involve the application of new tools or technologies that will improve the understanding of the basic biology of sarcoidosis
- Investigations into the environmental, autoimmune, and/or infectious risks for sarcoidosis
- Studies that seek to understand the biology of granuloma formation, propagation, and persistence in sarcoidosis
- Development or improvement of a digital, cell, or animal model for further investigation of sarcoidosis

Citizenship: United States

Award Amount:

- Individual Investigators: \$400,000 paid over 2 years
- Interdisciplinary Teams: \$500,000 paid over 2 years

Indirect Costs: Additional 15%

Note: Optional LOI deadline has passed

Research Management Deadline: December 30, 2021

Application Deadline: January 10, 2022

Website: <https://milkeninstitute.org/report/sarcoidosis-giving-smarter-guide>

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

The Nontraditional, Nonsurgical Treatment Grant is the result of a donation to research as part of a settlement of a class action lawsuit unrelated to NASS. This grant supports research of disc-related and/or neuropathic back pain by nonsurgical techniques. These funds must be used for new, nontraditional methods of nonsurgical treatment of such back and neck pain and radiculopathy. If TNF-inhibitors other than etanercept are used in research and/or treatment funded, comparison studies using perispinal etanercept in at least as many research subjects or patients should be done.

Eligibility requirements (partial list):

- Applicants do not need to be NASS members.
- Medical residents are eligible with the condition that they have a mentor/faculty support to work with them.
- NASS strongly encourages new investigators to apply.
- Any principal investigator or co-investigator that receives a research grant from NASS will not be eligible to apply for grant funding again for three years after the date of the previous award.

Citizenship: Unrestricted

Award Amount: Up to \$50,000 (most grants funded at \$20,000-\$40,000) for 1 year

Indirect Costs: 15%

Preliminary Proposal Deadline: February 7, 2022

Research Management Deadline: April 28, 2022

(Invited) Application Deadline: May 9, 2022

Website: <https://www.spine.org/funding>

13. Research Grants, North American Spine Society (NASS)

Research grants should focus on basic science, clinical or translational research. Basic research may focus on projects that further our understanding of the mechanisms of disease and developing novel models for prevention and/ or treatment. Clinical research may focus on projects that investigate the epidemiology, prevention, and or treatment of spine disease. Translational research may focus on projects that move findings from the 'bench to bedside'.

NASS research grants provide funding for promising research projects by qualified investigators in the field of spine. Funding amount and number of grants are at the discretion of the NASS Research Project Management Committee based upon merit of applications and amount of funding available each year.

Citizenship: Unrestricted

Award Amount: Up to \$50,000 (most awards are \$20,000-\$40,000)

Indirect Costs: 15%

Preliminary Proposal Deadline: February 7, 2022

Research Management Deadline: April 28, 2022

(Invited) Application Deadline: May 9, 2022

Website: <https://www.spine.org/funding>

14. Young Investigator Grants, North American Spine Society (NASS)

NASS supports basic, clinical and translational science performed with integrity. The goal is to improve quality spine care for patients and understanding of underlying disorders.

Eligibility requirements (partial list):

- Principal investigators may be any age. MD applicants must be within five years of completion of training at the time of application; PhD applicants must be within five years of their post-doc training. Applicants may not have received previous grant funding from the NASS Research Project Management Committee.

Citizenship: Unrestricted

Award Amount: Up to \$50,000 (most awards are \$20,000-\$40,000)

Indirect Costs: 15%

Preliminary Proposal Deadline: February 7, 2022

Research Management Deadline: April 28, 2022

(Invited) Application Deadline: May 9, 2022

Website: <https://www.spine.org/funding>