



FOUNDATION FUNDING OPPORTUNITIES: OCTOBER 1, 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?
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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. Innovation Grant, Alex's Lemonade Stand Foundation for Childhood Cancer (ALSF)

The Innovation Grant is designed to provide critical and significant seed funding for researchers with a novel approach to pediatric oncology scientific investigation. Proposals should have clinical translation in view. This may represent a change in research direction and/or an innovative new idea that moves away from an investigator's prior research but for which a strong case is made for the potential impact on childhood cancers.

Eligibility requirements (partial list):

- Applicants must have an MD, PhD, or MD/PhD or equivalent and be appointed as faculty (or equivalent) at an academic institution.
- Applicants must have a track record of publication and funding productivity that demonstrates that the project can be accomplished by the investigators.

Citizenship: Unrestricted

Award Amount: \$250,000 paid over 2 years

Indirect Costs: None

LOI Deadline: November 15, 2021

Research Management Deadline: March 23, 2022

(Invited) Proposal Deadline: April 4, 2022

Website: <https://www.alexlemonade.org/grants/program-areas/accelerator-programs#program-143>

2. Clinical Scientist in Nephrology Fellowship Program, American Kidney Fund (AKF)

For over 30 years, the American Kidney Fund Clinical Scientist in Nephrology (CSN) fellowship program has funded researchers whose work is designed to improve diagnosis, treatment and outcomes for patients living with chronic kidney disease (CKD) and has promoted clinical research in nephrology. Our CSN fellows conduct prevention and outcomes research while receiving advanced training in essential skills such as medical ethics, biostatistics and epidemiology.

The Clinical Scientist in Nephrology program has trained some of nephrology's brightest scholars who have gone on to become leaders in the field and mentors to new generations of scientists studying kidney disease. Many former CSN fellows have conducted groundbreaking research that advances knowledge and treatment of kidney disease.

Eligibility requirements (partial list):

- Have completed a residency in Internal Medicine or Pediatrics
- Are qualified to sit for the American Board of Internal Medicine or Pediatrics
- Are in the process of completing or have completed at least one year of training in Clinical Nephrology in an accredited U.S. program

Citizenship: United States

Award Amount: \$160,000 paid over 2 years

Indirect Costs: None

Research Management Deadline: December 7, 2021

Application Deadline: December 17, 2021

Website: <https://www.kidneyfund.org/training/clinical-scientist-in-nephrology/>

3. Research Grants Program, American Orthopaedic Foot and Ankle Society (AOFAS)

Since 1997, AOFAS has offered grant funding opportunities for AOFAS members and their research teams. These grants provide vital resources to discover new treatments and advance patient care.

The AOFAS awards one-year research grants (July 1-June 30) in three categories:

1. Pilot Project Grants
 1. Grant recipients are expected to use data obtained from the projects to develop future grant applications.
 2. Small Project Research Grants
 3. The core grant category, providing seed funding for promising research projects.
 4. Established Project Research Grants

This competitive grant category is intended to support innovative research for basic science, a clinical trial, or pre-trial work that could be used to obtain additional grants from national funding sources. Applications must be backed by preliminary work, data, and/or publications or abstracts to demonstrate feasibility of projects and capabilities of the research team.

Eligibility requirements (partial list):

- Access to AOFAS Research Grants is a benefit of AOFAS membership.

Citizenship: United States

Award Amount:

- Pilot Project Grants: Up to \$5,000
- Small Project Research Grants: \$20,000
- Established Project Research Grants: Up to \$50,000

Indirect Costs: None

Research Management Deadline: November 17, 2021

Application Deadline: December 1, 2021

Website: <https://www.aofas.org/research-policy/research-grants-program>

4. Research Grant Program, Arthroscopy Association of North America (AANA)

The AANA Research Committee distributes grants for clinical or basic science research in the field of arthroscopic surgery or disorders amenable to arthroscopic treatment.

For the 2022 grant year, special consideration will be given to research applications focused on the following Level 1 research areas:

- Ultrasound guided percutaneous needle tenotomy vs. open tenotomy for lateral epicondylitis
- Arthroscopic meniscectomy vs. physical therapy
- Superior Capsular Reconstruction (SCR) vs. primary rotator cuff repair (complete or partial)
- MPFL reconstruction vs. physical therapy
- Bankart + remplissage vs. Bankart repair
- Tenx vs. open tennis debridement for lateral epicondylitis
- Arthroscopic Extensor Carpi Radialis Brevis (ECRB) release vs. open debridement
- Tendon debridement (patella, peroneal, quad) vs. physical therapy
- Arthroscopic labral reconstruction (hip)

Special consideration will also be given to the following general research areas:

- Comparative, prospective or randomized studies on:
 - ACL repair and ACL augmentation
 - OA after ACL injury and surgery
 - Psychological readiness to return to sport
 - Sleep disturbance and musculoskeletal pathology
 - Hip FAI Outcomes and Predicators of Outcome
 - Hip capsular management
 - Shoulder bone loss management
 - Rotator cuff patch and/or SCR augmentation
 - Knee ALL or LET augmentation
- Biologics, cell and injection therapies:
 - for osteoarthritis
 - for soft tissue pathology
 - as an adjunct to surgery

Citizenship: Unspecified

Award Amount: \$100,000 for 1 year

Indirect Costs: None

Research Management Deadline: November 22, 2021

Application Deadline: December 5, 2021

Website:

https://www.aana.org/AANAIMIS/Members/Fellowships_Research/Research_Grants/Members/Fellowships-Research/Research-Grants.aspx

5. Pathways for Hope Pilot Grants For Basic and Translational Research Projects, Association for Frontotemporal Degeneration (AFTD)

AFTD Pilot Grants provide seed funding for novel research in the initial phase of development across the full spectrum of FTD disorders (behavioral variant FTD, primary progressive aphasia, progressive supranuclear palsy, corticobasal syndrome, and FTD-ALS) by early-stage researchers. Pilot Grants advance the careers of new investigators focused on FTD and generate data that will be the basis for follow-on funding applications to government funders or other public or private agencies.

Projects submitted to the 2021 Pathways for Hope Pilot Grant that employ novel technologies or address the needs of historically excluded communities and underserved populations are especially encouraged. Suitable research topics may focus on sporadic or familial FTD.

Examples include but are not limited to:

- Cellular and molecular mechanisms disrupted in FTD
- Development and characterization of novel animal (vertebrate or invertebrate) or cellular models that recapitulate FTD pathology or clinical features
- Network approaches to understanding neural circuits relevant to FTD-related deficits in social cognition, emotional regulation, language, or movement
- Cognitive or behavioral neuroscience of FTD symptoms
- Biomarker discovery or development
- Therapeutic target identification and validation
- Bioinformatics, machine learning, and other computational biology approaches applied to existing FTD clinical, genetic, or imaging datasets
- Tools and insights to improve FTD clinical research, such as diagnostic and prognostic measures, remote data collection tools, and research on strategies to maximize recruitment or retention in trials

Eligibility requirements (partial list):

- The PI should be a new or early-stage researcher in the process of establishing an independent research program. Senior researchers can serve as co-PIs on an application submitted in collaboration with a PI who is a new/early-stage investigator; please contact AFTD to discuss.
- Postdoctoral researchers are not eligible to apply unless they can provide a letter of employment verifying they will begin a faculty position at, or equivalent to, the assistant professor level by the beginning of the funding period in spring 2022.

Citizenship: Unrestricted

Award Amount: \$60,000 for 1 year

Indirect Costs: None

Research Management Deadline: October 19, 2021

Application Deadline: October 29, 2021

Website: <https://www.theaftd.org/for-researchers/funding-opportunities/aftd-pilot-grants/>

6. CIFAR Azrieli Global Scholars, Canadian Institute for Advanced Research (CIFAR)

CIFAR invites exceptional early-career researchers from across the natural, biomedical and social sciences and the humanities to join one of our interdisciplinary research programs that address some of the most important questions facing science and humanity. The CIFAR Azrieli Global Scholars program accelerates the development of the next generation of research leaders and positions them to heighten their impact in academia and beyond.

The CIFAR Azrieli Global Scholars program includes three core components, each contributing toward the development of tomorrow's research leaders:

1. PARTICIPATING IN A CIFAR RESEARCH PROGRAM - AN INTERDISCIPLINARY NETWORK OF FELLOWS
2. STRENGTHENING LEADERSHIP AND COMMUNICATION SKILLS
3. INCREASING IMPACT WITHIN AND OUTSIDE OF ACADEMIA

Eligibility requirements (partial list):

- Be employed at an institution of higher education or research and be within the first five years of starting a full-time research position that includes responsibility for both conducting an independent research program and supervising/teaching trainees toward their completion of a degree.
- Typically, you are an Assistant Professor (or the equivalent in other academic systems).
- Your position must be secure for the duration of the CIFAR Azrieli Global Scholar active term (to March 31, 2024).
- Your start date in this position must be no earlier than July 1, 2017. Note that special consideration may be given to those who have taken parental leave or those with exceptional circumstances.
- If you have a pending first full-time position that meets the criteria above and starts no later than July 1, 2022, you are eligible to apply. In this case, you must submit a copy of your letter of appointment with your application.

Citizenship: Unrestricted

Award Amount: \$100,000 CAD (approx. \$78,000) paid over 2 years

Indirect Costs: None

LOI Deadline: October 27, 2021

Website: <https://www.cifar.ca/research/global-scholars>

7. Advanced Clinical Research Award (ACRA) for Diversity and Inclusion in Breast Cancer Research, Conquer Cancer Foundation/American Society of Clinical Oncology (ASCO)

The Conquer Cancer – Breast Cancer Research Foundation Advanced Clinical Research Award (ACRA) for Diversity and Inclusion in Breast Cancer Research is designed with the primary goal of increasing diversity in the oncology workforce and cancer research. Awards will be given to mid-career investigators who are members of racial and/or ethnic groups traditionally

excluded in academic medicine and biomedical research, and who wish to conduct original breast cancer research not currently funded.

Eligibility requirements (partial list):

- Self-identify as a member of a racial and/or ethnic group traditionally excluded in academic medicine according to the AAMC definition (Black or African American, Hispanic or Latino, American Indian or Alaska Native, Native Hawaiian and other Pacific Islanders). For international applicants, it is recognized that underrepresentation can vary from setting to setting and individuals from racial or ethnic groups that are demonstrated to be traditionally excluded by their institution but not listed above are also eligible to apply for this program. Individual demographic information will be requested upon application.
- Be a physician (MD, DO, or international equivalent).
- Have completed productive post-doctoral/post fellowship research and demonstrated the ability to undertake independent investigator-initiated clinical research in breast cancer.
- At mid-career level, normally between five to ten years from the first, full-time, primary faculty appointment in a clinical department at an academic medical institution by the application deadline.
- Be an ASCO member or have submitted a membership application with the grant application.

Citizenship: Unrestricted

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

Indirect Costs: 7%

LOI Deadline: December 14, 2021

Research Management Deadline: January 19, 2022

(Invited) Application Deadline: January 31, 2022

Website: <https://www.asco.org/career-development/grants-awards/funding-opportunities/advanced-clinical-research-award>

8. Technology Awards, McKnight Foundation/McKnight Endowment Fund for Neuroscience

Technological Innovations in Neuroscience Awards support scientists who work on novel and creative approaches to understanding brain function.

The program seeks to advance and enlarge the range of technologies available to the neurosciences. It does not support research based primarily on existing techniques.

The Endowment Fund is especially interested in how technology may be used or adapted to monitor, manipulate, analyze, or model brain function at any level, from the molecular to the entire organism. Technology may take any form, from biochemical tools to instruments to software and mathematical approaches. Because the program seeks to advance and enlarge the

range of technologies available to the neurosciences, research based primarily on existing techniques will not be considered.

A goal of the Technological Innovations awards is to foster collaboration between the neurosciences and other disciplines; therefore, collaborative and cross-disciplinary applications are explicitly invited.

Eligibility requirements (partial list):

- Must hold full-time appointments at the rank of assistant professor or higher, e.g. associate professor or professor, at institutions within the United States. Scientists holding other titles such as research professor, adjunct professor, professor research track, visiting professor, or instructor are not eligible.
- Must be developing new techniques or applying techniques to neuroscience in new ways.

Citizenship: Unspecified

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

Indirect Costs: None

LOI Deadline: December 6, 2021

Research Management Deadline: April 13, 2022

(Invited) Proposal Deadline: April 25, 2022

Website: <https://www.mcknight.org/programs/the-mcknight-endowment-fund-for-neuroscience/technology-awards/>

9. NBF Scientific Research Grants Program, American Association of Blood Banks (AABB)/National Blood Foundation (NBF)

For over 30 years, the NBF has awarded over \$9 million to early-career investigators through its Scientific Research Grants Program. Grants are awarded for investigator-initiated original research in disciplines that impact transfusion medicine, cellular therapies or related sciences. Priority in awarding grants will be given to innovative, new projects.

Research content areas eligible for the grant program include the following:

- Immunology
- Hematology
- Immunohematology
- Infectious Diseases
- Cellular Therapies
- Patient Blood Management

An application fee of \$160 must accompany the application unless the primary investigator is an AABB individual member.

Eligibility requirements (partial list):

- An early-stage investigator is a new investigator who has completed a terminal research degree or medical residency - whichever date is later - within 10 years of the grant application deadline and has not yet been awarded a substantial research grant (i.e. NIH R01).

Citizenship: Unrestricted

Award Amount: \$75,000

Indirect Costs: None

Research Management Deadline: November 17, 2021

Application Deadline: December 1, 2021

Website: <http://www.aabb.org/research/nbf/Pages/grantapplication.aspx>

10. SCI/D Programmatic Grants, Paralyzed Veterans of America (PVA)/PVA Education Foundation

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

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

Citizenship: United States or Canada

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

Indirect Costs: Inclusive 8%

Research Management Deadline: November 19, 2021

Application Deadline: December 3, 2021

Website: <https://pva.org/research-resources/education-foundation/>