



FOUNDATION FUNDING OPPORTUNITIES: FEBRUARY 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.

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1. Research Grant and Young Investigator Award Program, American Academy of Pediatrics (AAP)

The NRP Steering Committee is interested in the effect of this program on neonatal morbidity and mortality as well as other interventions that may improve the outcome of neonatal resuscitation. Initiatives can include addressing gaps in our understanding of transitional physiology and evidence-based resuscitation practice, teaching and evaluating the cognitive, technical and behavioral skills necessary for successful resuscitation of the newborn and retention of skills and knowledge over time.

- **NRP Human Factors or Education Grant:** Any health care professional with an interest in human factors impact on delivery room resuscitation or optimization of NRP education.
- **NRP Young Investigator Award:** Physicians-in-training or individuals within four years of completing fellowship training.
- **NRP Research Grant Program:** Any health care professional with an interest in Neonatal Resuscitation.

Citizenship: Unrestricted

Award Amount:

- NRP Human Factors or Education Grant: up to \$15,000
- NRP Young Investigator Award: up to \$15,000
- NRP Research Grant Program: up to \$50,000



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](#).

Indirect Costs: Unspecified

LOI Deadline: May 7, 2021

Application Deadline: August 20, 2021

Website: <https://services.aap.org/en/learning/neonatal-resuscitation-program/nrp-research-grant-and-young-investigator-award-program/>

2. Osteoarthritis Research Grant, American Orthopaedic Society for Sports Medicine (AOSSM)

This grant opportunity reflects the recognition of the importance of osteoarthritis and the preponderance of post-traumatic osteoarthritis (PTOA) within sports medicine and orthopaedics. While basic science or translational projects are preferred for this grant opportunity, innovative study designs integrating clinical patients are eligible. Proposals are not required to relate specifically to sports injuries and should also have broad applicability to OA or PTOA in the general population. Projects involving viscosupplementation are not encouraged.

Eligibility requirements (partial list):

- Any investigative team seeking such a grant must include at least one member of AOSSM in good standing.

Citizenship: Unrestricted

Award Amount: \$50,000 paid over 2 years

Indirect Costs: None

Application Deadline: June 1, 2021

Website:

https://www.sportsmed.org/aossmimis/Members/Research/Research_Grants/Members/Research/Research_Grants.aspx

3. Brain Cancer Research Investigator Grant, B*CURED

This award is presented annually by B*CURED to a clinical doctor or research scientist whose primary focus is brain cancer research. Clinical projects are encouraged, as well as translational projects with significant clinical promise. Projects for adult and pediatric brain cancer research will be considered.

Eligibility requirements (partial list):

- Applicants must be full time faculty (or have a contract for such) and be undertaking the following clinical or translational research, with the intention of applying for R01 NIH funding or the equivalent within 5 years, or
- Innovative research to bridge from bench to animal research or to acquire preclinical data from animal models.

Citizenship: Unspecified

Award Amount: \$50,000 for 1 year
Indirect Costs: None
Application Deadline: May 1, 2021
Website: <http://bcured.org/grants/>

4. CHEST Foundation Research Grant in Lung Cancer, CHEST Foundation/American College of Chest Physicians (ACCP)

Each year, the CHEST Foundation seeks to support our members by hosting research grants with community-focused projects. Scientific research projects must also demonstrate how they will have a positive impact on the lung health of a community (e.g. community identity, community needs, community impact).

Applications must address lung cancer disparities research that leads to improved medical and/or surgical detection, treatment, and/or cure of lung cancer. Projects must also demonstrate how it will have a positive impact on the lung health of a community.

**This grant is contingent upon funding.*

Eligibility requirements (partial list):

- CHEST membership at time of application
- Applicants must be licensed physicians. Physicians-in-training (residents or fellows), other health care professionals, or clinical researchers with relevant experience will also be accepted.
 - Although applicants may be at later career stages, special consideration will be given to young investigators and applicants in early stages of their career.
 - “Young Investigators” and “Early Career” are defined as residents/fellows/other health care researchers with relevant experience or practicing physicians who have completed their post-graduate training within the last 7 years.

Citizenship: Unrestricted

Award Amount: \$60,000-\$100,000 for 1 year
Indirect Costs: None
Application Deadline: March 31, 2021
Website: <https://foundation.chestnet.org/grants/apply-for-a-grant/>

5. Eli Lilly and Company Distinguished Scholar in Critical Care Medicine, CHEST Foundation/American College of Chest Physicians (ACCP)

The Eli Lilly and Company Distinguished Scholar in Critical Care Medicine is expected to complete an investigative project that has significant impact on critically ill patients. The scholar is encouraged, but not required, to take advantage of the extensive resources of CHEST, such as the following: (1) collaborations with leaders in the CHEST Critical Care NetWork or various steering committees; (2) CHEST educational material; or (3) CHEST simulation resources.

Projects must also demonstrate how they will have a positive impact on the lung health of a community (e.g. community identity, community needs, community impact).

The Eli Lilly and Company Distinguished Scholar in Critical Care Medicine will have a 3-year opportunity to examine issues that relate to critically ill patients. The grant is intended to permit the investigation of issues that are not easily supported by traditional, shorter-term funding opportunities.

Eligibility requirements (partial list):

- CHEST membership at time of application
- Fellow of the American College of Chest Physicians (FCCP) designation

Citizenship: Unspecified

Award Amount: \$150,000 paid over 3 years

Indirect Costs: None

Application Deadline: March 31, 2021

Website: <https://foundation.chestnet.org/grants/apply-for-a-grant/>

6. Postdoctoral Fellowship, Cancer Research Institute (CRI)

The CRI Irvington Postdoctoral Fellowship Program supports qualified young scientists at leading universities and research centers around the world who wish to receive training in fundamental immunology or cancer immunology.

The Institute seeks hypothesis-driven, mechanistic studies in both immunology and tumor immunology. The applicant and sponsor should make every effort to demonstrate the potential of the proposed studies to directly impact our understanding of the immune system's role in cancer.

Eligibility requirements (partial list):

- Applicants for the CRI Irvington Postdoctoral Fellowship Program must be working in areas directly related to immunology or cancer immunology. An eligible project must fall into the broad field of immunology with relevance to solving the cancer problem.
- Applicants must have a doctoral degree by the date of award activation and must conduct their proposed research under a sponsor who holds a formal appointment at the host institution.
- Applicants with 5 or more years of relevant postdoctoral experience at the time of award activation are not eligible, with the exception of MD applicants, who should not include years of residency in this calculation.
- Only in exceptional circumstances will applicants who have already spent 3 or more years in a sponsor's laboratory by the start date of fellowship be considered for a fellowship award.

- Only one fellow per sponsor may apply per application round, and faculty sponsors may not have more than three CRI-supported fellows at any time.

Citizenship: Unrestricted

Award Amount: \$175,500 paid over 3 years

Indirect Costs: None

Application Deadline: April 1, 2021

Website: <https://www.cancerresearch.org/scientists/fellowships-grants/post-doctoral-fellows>

7. Venture Grants, CurePSP – Foundation for PSP/CBD and Related Brain Diseases

CurePSP has always believed that truly effective clinical interventions will follow good, solid basic scientific research. For this reason, CurePSP promotes research that helps generate an integrated picture of PSP and CBD at pre-clinical and clinical levels. CurePSP believes that in the long term, research of this nature will prove indispensable in developing a prevention or cure for PSP, CBD, and other prime of life diseases.

CurePSP will fund studies on PSP and CBD with a particular interest in (i) molecular and cellular (pathological) mechanisms that may operate also in related diseases and (ii) translational clinical research involving PSP and CBD patients.

CurePSP has carefully structured its research program and has identified the programs that have been the most successful and those that need strengthening. With an increased research budget made possible through improved donor support, CurePSP will be able to markedly intensify the efforts to cure the disease in a way that promises relief for those afflicted today as well as hope for those who may be afflicted tomorrow.

Citizenship: Unrestricted

Award Amount: \$100,000 paid over 3 years

Indirect Costs: None

Application Deadline: April 1, 2021

Website: <https://www.psp.org/iwanttolearn/grants/>

8. MDS Research Fund (MDSRF), Dresner Foundation

To advance the understanding and treatment of Myelodysplastic Syndromes (MDS) and related blood disorders (such as MDS/myeloproliferative neoplasms (MPN) overlap syndromes, secondary acute myeloid leukemia following MDS, idiopathic cytopenia of undetermined significance (ICUS), or clonal hematopoiesis of indeterminate potential (CHIP)), the foundation established the MDS Research Fund (MDSRF). This fund continues the work that Joseph Dresner initiated with his seminal gift to establish the Joseph Dresner Family Clinic for Hematologic Malignancies & Stem Cell Transplantation at the Karmanos Cancer Institute. The

fund will expand the foundation's investments in support of cutting-edge MDS research and related programs that will lead to the future standards of care and ultimately cure.

The fund will facilitate the advancement of innovative basic science, translational or clinical research.

The foundation will accept proposals of two types:

1. Early Career Awards: Eligible investigators who are less than 5 years from completion of fellowship training or post-doctoral program at the time of award and/or have not previously been awarded an RO1 grant or its equivalent.
2. Established Investigator Awards: Eligible investigators who are 5 or more years from completion of fellowship training or post-doctoral program, or applicants who have previously received an Early Career Award from the foundation or an RO1 grant or its equivalent.

Citizenship: United States

Award Amount:

- Early Career Awards: \$250,000 paid over 2 years
- Established Investigator Awards: \$500,000 paid over 2 years

Indirect Costs: 15%

LOI Deadline: March 19, 2021

(Invited) Proposal Deadline: July 9, 2021

Website: <https://www.dresnerfoundation.org/mdsrf-description/>

9. John J. Bonica Trainee Fellowship, International Association for the Study of Pain (IASP)

The John J. Bonica Trainee Fellowship was established in 1998 in memory of the founder of IASP to support training in all aspects of pain research.

During the fellowship, the trainee will pursue either clinical research or basic science research under the guidance of a mentor at the institution of his or her choice.

The fellowship is not intended to supplement or extend current training. Preference will be given to candidates who seek training outside their current institution.

Eligibility requirements (partial list):

- Trainees must be IASP members at the time of applying.
- Mentors must be IASP members for at least one year at the time of applying.
- The mentor must not have served as a mentor for a John J. Bonica Fellowship trainee within the last three years.

Citizenship: Unrestricted

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

Indirect Costs: None

Application Deadline: June 1, 2021

Website: <https://www.iasp-pain.org/Education/GrantDetail.aspx?ItemNumber=2039>

10. Opportunity Awards, James S. McDonnell Foundation (JSMF)

With the Opportunity Awards, JSMF is seeking to fund projects leading to new conceptual and empirical studies of cognition and behavior that

- embrace complexity,
- recognize the dynamic nature of action
- are situated in real work contexts
- cross levels of analysis, and
- unite traditionally separate domains of inquiry (e.g. vision and speech)

JSMF is encouraging researchers to pursue important questions using conceptual and methodological approaches that takes seriously the trajectories, biological and experiential, contributing to the ongoing development of cognition and behavior occurring across the lifespan. Individual projects need not cover the full human life span but the reasons for focusing on specific age ranges for study should be fully articulated. Research plans that only propose to document task performance of subjects at different ages (e.g. comparing 15-year-old subjects to 60-year-old subjects) are not responsive to the call for proposals.

Funds are given to researchers to design and carry out studies motivated by questioning, revisiting, or re-examining the current state of academic knowledge of human cognition and behavior using a dynamic, context-sensitive lens. New theories, tools and techniques have opened myriad opportunities for rigorously studying cognition and behavior as individuals engage in ongoing real-world activities in everyday life contexts in ways not previously possible. JSMF is particularly interested in supporting applications from researchers who may not now be using the approaches described in this call for proposals, but who want to adopt this approach as an experimentally coherent way of conceptualizing, designing, and pursuing an understanding of human cognition and behavior.

Citizenship: Unrestricted

Award Amount: \$250,000 in seed funds paid over 2-4 years

Indirect Costs: None

Application Deadline: April 9, 2021

Website: <https://www.jsmf.org/apply/opportunity/>

11. Research Grants, Morton Cure Paralysis Fund (MCPF)

The Morton Cure Paralysis Fund (MCPF) is committed to developing effective therapies (cures) for paralysis associated with spinal cord injury and other disorders of the central nervous system (CNS).

MCPF funds activities that hold promise of identifying therapies (cures) for paralysis in humans. MCPF has particular focus of placing projects in the research pipeline, that is, enabling scientists to develop the proof concept data necessary to apply for larger NIH grants. The development of effective therapies for chronic injury is a high priority for the organization. Basic research will be supported if it has clear potential to accelerate progress at the applied end of the continuum and/or if it reflects innovative research or a 'change of direction.'

The focus areas are:

1. Understanding the effects of spinal cord injury at the cellular level, particularly with emphasis on that which determines apoptosis and/or prohibits regrowth. As stated above, if the proposed project is at this level, it is important that the proposal demonstrate how the project is a change of direction, innovative research or can be quickly moved to therapeutic application.
2. Studying strategies to promote neuronal growth and survival, encourage the formation of synapses, enhance the production of myelin, restore conduction capabilities, or otherwise lead to restoration of the compromised circuitry in the acutely and chronically injured CNS.
3. Evaluating new therapies in clinical trial.

In addition to those elements listed above, MCPF will also take into account projects that:

- Encourage promising new investigators to undertake research on regeneration and recovery, particularly with respect to the spinal cord;
- Encourage researchers who are well-established in other areas to transfer their efforts to spinal cord research; and,
- Enable researchers with novel ideas to test their ideas and develop pilot data for seeking larger awards from NIH and other funding sources.

Eligibility requirements (partial list):

- Qualified scientists at capable institutions will be considered for grant applications. Either senior scientists or postdoctoral fellows may serve as principal investigators.

Citizenship: Unrestricted

Award Amount: Up to \$75,000 for 1 year. A second year may be considered.

Indirect Costs: None

Application Deadline: April 30, 2021

Website: <https://mcpf.org/grant-applications/>

12. Center for Regulatory Excellence Grant, National Council of State Boards of Nursing (NCSBN)

The Center for Regulatory Excellence (CRE) grant program provides funding for scientific research projects that advance the science of nursing policy and regulation and build regulatory expertise worldwide.

Research Priorities:

- Impact of legalized marijuana
- Substance use disorders in nursing
- National and international regulatory issues
- Economic analyses, e.g., Nurse Licensure Compact, APRN practice, etc.
- Remediation
- Innovations in nursing education

Citizenship: Unspecified

Award Amount: Up to \$300,000 paid over 1-2 years

Indirect Costs: None

Proposal Deadline: April 2, 2021

Website: <https://www.ncsbn.org/10682.htm>

13. PCF-Pfizer Health Equity Challenge Awards, Prostate Cancer Foundation (PCF) **NEW!**

The intent of this Request for Proposal (RFP) is to support general research projects that will improve the understanding of or reduce disparities in the diagnosis, management and outcomes of prostate cancer patients in minority and underserved communities.

General Research proposals in the following topic areas are of particular interest:

- Identification of barriers in the delivery of equitable healthcare
- Health Services research programs to study and optimize care delivery

Eligibility requirements (partial list):

- Composed of a team of at least three (3) investigators, including one young investigator. Applicant (Principal Investigator; PI) must have a medical or doctoral degree (MD, PhD, ScD or equivalent), an advanced nursing degree (BSN with a MS/PhD), MPH or an advanced degree in Pharmacy, Psychology, Psychiatry, Sociology, Physiotherapy, or Social Work with an expertise in public health disparities relative to prostate cancer.
- The young investigator may hold the title of Postdoctoral Fellow, Instructor, Research Associate, Assistant Professor, or equivalent and should be within six-years following completion of a professional degree (see above) or subsequent mentored academic or clinical training program.
- Efforts to increase representation of diverse populations within the investigator team(s) and those designing research projects that are participatory and collaborative [inclusion of voices within the communities most impacted by disparities] are encouraged.

Citizenship: Unrestricted

Award Amount: \$100,000-\$150,000 paid over 2 years

Indirect Costs: None

LOI Deadline: April 9, 2021

(Invited) Proposal Deadline: August 30, 2021

Website: <https://www.pcf.org/science-impact/for-researchers/open-rfas/>

14. Child Development Fund, The Waterloo Foundation (TWF)

Within the Child Development Fund, the Foundation is interested in the psychological and behavioural development of our children, and particularly in certain neurodevelopmental conditions and the factors that influence them.

In 2021, funding will again focus on co-occurrences, and the fact that each child has one brain. TWF is interested in the common and co-occurring neurodevelopmental conditions of Developmental Coordination Disorder (DCD), ADHD and Rolandic Epilepsy, and has a particular interest in factors under parents' influence such as diet, sleep and exercise.

In 2021 research funding will again support projects which account for the fact that these children are often affected in more than one domain. Successful applications will likely focus on two or more of the conditions or domains in our strategy. Projects focusing on, for example, a major deficit in the attention domain must also identify how impairments in other domains will be addressed. Thus, an application concerned principally with children who have a problem in the attention domain, must state how performance will be measured in the motor, language, and / or social domains.

TWF prioritises projects which are closest to the point of making a difference to the lives of those affected by these conditions. As always, it is interested in factors which may alleviate these problems. TWF is particularly interested in those which are under families' influence, such as diet, sleep, exercise and parenting behaviours.

The research TWF funds is clinically relevant, with clear benefit to those with these conditions and their family members. The foundation funds both pure and applied research topics, prioritising those which are closest to direct patient benefit. Its pure research projects typically investigate the causal factors, core deficits and co-occurrences of particular disorders. Its applied research projects typically investigate factors relating to interventions for these disorders. TWF prioritises those which are cost-effective, would be easy to rollout, and directly involve parents and children (such as involving diet, sleep and exercise etc).

Citizenship: Unrestricted

Award Amount: £40,000-£60,000 (approx. \$56,000-\$84,000)

Indirect Costs: Unspecified

Initial Application Deadlines for Motor Impairments: May 16, 2021

(Invited) Full Application Deadline for Motor Impairments: June 20, 2021

Website: <http://waterloofoundation.org.uk/ChildDevelopmentResearchDeadlines.html>

15. Open Research Fund, Wellcome Trust

This funding supports researchers to develop and test incentives for making health research more open, accessible and reusable.

Proposals that feature collaboration across international borders, and between different organisations, sectors and disciplines.

Examples of activities the Trust will consider include (but are not limited to):

- Develop and test new metrics to track the impact of making a full range of research outputs open and accessible. Assign credit to researchers and their teams (which may include data scientists, software developers and others).
- Pilot new approaches to recognise and reward open research contributions in research assessment processes – including recruitment, promotion, tenure and funding.
- Test novel approaches to stimulate or nudge behaviour change within or across research fields – for example, developing rewards to recognise good practice.
- Develop and evaluate approaches to embed open research behaviours within organisations or research fields – for example, trialling novel approaches for training researchers or supporting networks of open research 'champions'.

Eligibility requirements (partial list):

- These awards are open to individuals or teams of up to six members from anywhere in the world.
- We only accept a maximum of two concept notes for each applicant.

Citizenship: Unrestricted

Award Amount: Up to £100,000 GBP (approx. \$139,000 USD) for 1 year

Indirect Costs: None

Concept Paper Deadline: March 12, 2021

(Invited) Full Proposal Deadline: May 21, 2021

Website: <https://wellcome.ac.uk/funding/open-research-fund>