



FOUNDATION FUNDING OPPORTUNITIES: MARCH 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. Innovative Grants Research Program, American Tinnitus Association (ATA)

The American Tinnitus Association funds awards and seed grants to advance progress in scientific understanding of tinnitus research, and to attract and maintain top research talent in the field.

Citizenship: Unrestricted

Award Amount: \$25,000-\$60,000

Indirect Costs: 10%

Application Deadline: May 1, 2021

Website: <https://www.ata.org/research-toward-cure>

2. Essential Open Source Software for Science, Chan Zuckerberg Initiative

In an effort to support open source software for science, the Chan Zuckerberg Initiative (CZI) seeks letters of intent to apply for funding for software projects that are essential to biomedical research, have already demonstrated impact, can show potential for continued improvement, and expect to deliver added value to the biomedical research community through the proposed activities.

Applications for two broad categories of open source software projects will be considered in scope:

- **Domain-specific software** for analyzing, visualizing, and otherwise working with the specific data types that arise in biomedical science (e.g., genomic sequences, microscopy



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](#).

images, molecular structures). Software will be considered out of scope if it primarily serves domains outside biomedical science (e.g., physics, astronomy, earth sciences). While we appreciate that other communities may want to explore new extensions of their software to the life sciences, such applications are unlikely to be selected.

- **Foundational tools and infrastructure** that enable a wide variety of downstream software across several domains of science and computational research (e.g., numerical computation, data structures, workflows, reproducibility). While foundational tools will be considered in scope for this program, they must have demonstrated impact on some area(s) of biomedical research.

Award Amount: \$50,000-\$200,000 for 1 year

Indirect Costs: 15%

LOI Deadline: March 30, 2021

(Invited) Application Deadline: May 19, 2021

Application Deadline:

Website: <https://chanzuckerberg.com/rfa/essential-open-source-software-for-science/>

3. Cancer Research Grants, Elsa U. Pardee Foundation

The Elsa U. Pardee Foundation funds research to investigators proposing research directed toward identifying new treatments or cures for cancer. The Foundation particularly encourages grant applications for a one year period which will allow establishment of capabilities of new cancer researchers, or new cancer approaches by established cancer researchers. It is anticipated that this early stage funding by the Foundation may lead to subsequent and expanded support using government agency funding. Project relevance to cancer detection, treatment, or cure should be clearly identified.

Citizenship: United States

Award Amount: By design, there are no limits set on the grant amount that can be requested. It must be reasonably and clearly supported by the scope of the project outlined in the application.

Indirect Costs: 5%

Application Deadline: April 30, 2021

Website: <https://pardeefoundation.org/how-to-apply/>

4. Grants, Gladys Brooks Foundation

The Foundation will consider grant proposals with emphasis on innovative projects in the fields of libraries, education, hospitals and clinics.

Grant Funding for Hospitals and Clinics: Grant Funding for Hospitals and Clinics - Gladys Brooks Foundation Grant proposals from hospitals and clinics where the proposal addresses a new health need, an improvement in the quality of health care or reduced health costs with better patient outcomes will be considered generally for:

- endowments for programs;
- erection or endowment of buildings, wings of or additions to buildings;
- capital equipment.

Citizenship: United States

Award Amount: \$50,000-\$150,000

Indirect Costs: None

Proposal Deadline: May 31, 2021

Website: <http://www.gladysbrooksfoundation.org/guidelines.html>

5. Michelson Prizes, Human Vaccines Project

The Michelson Prizes: Next Generation Grants are research grants given annually to support promising researchers who are applying disruptive concepts and inventive processes to advance human immunology, vaccine discovery and immunotherapy research for major global diseases.

The 2021 Michelson Prizes will be looking for research proposals in two areas:

- **Human Immunology and Vaccine Research:** The committee will be looking for research aimed at tackling the current roadblocks that exist in human vaccine development and expanding our limited understanding of key immune processes that are fundamental to successful vaccine and immunotherapy development.
- **Climate Change and Human Immunology:** Climate change has a profound effect on human health; pollution and other environmental stressors related to climate change increase susceptibility to disease, especially in vulnerable populations. Harnessing the immune system will be critical to mitigate negative health impacts. The committee is looking for research that expands our understanding of the potential effects of climate change on immune function with a particular interest in research that will directly translate into vaccine and immunotherapy development to mitigate its impact.

For both prizes, the committee will be looking for research that is highly innovative and impactful, with the potential to be applied across many diseases.

While the Michelson Prizes are focused on research in the fields of immunology, vaccine and immunotherapy discovery, applicants from the full spectrum of related disciplines, including clinical research, biochemistry, molecular biology, protein engineering, computer science, artificial intelligence/machine learning, biophysics, nanotechnology, environmental health, etc., are encouraged to apply.

Eligibility requirements (partial list):

- Applicants must be under the age of 35 at the time of pre-application submission and affiliated with an academic, nonprofit, industry or government research organization.

- Early career independent investigators, postdoctoral fellows, clinical fellows (including residents and interns), and other researchers currently in training positions are eligible for these awards.

Award Amount: \$150,000 for 1 year

Indirect Costs: None

Application Deadline: June 18, 2021

Website: <https://www.humanvaccinesproject.org/MichelsonPrizes/>

6. LGS Foundation Research Grant Program, LGS Foundation

The LGS Foundation Research Award provides funding for applicants who seek to advance our understanding of Lennox-Gastaut Syndrome (LGS). Grants support research projects that answer questions related to the underlying biology, clinical aspects, therapies, and/or causes of LGS. Grant recipients are asked to give a presentation at the LGS Foundation's annual research meeting at the American Epilepsy Society the following year to discuss their work.

Areas of Interest:

- Causes of LGS and increasing our understanding of the underlying biology
- Evolution of LGS from intractable seizures to Slow Spike & Wave on EEG
- Evolution of tonic seizure (GPFA on EEG) in LGS
- Evolution of multiple seizure types in young children, which may lead to future LGS
- Understanding convulsive/non-convulsive status epilepticus and cluster seizures in LGS
- Therapies to prevent or treat Lennox-Gastaut Syndrome
- Quality of Life for individuals living with LGS and their families
- Epidemiology and better data collection/management of data from individuals of LGS

Eligibility requirements (partial list):

- Young and established investigators, physician residents, and clinicians are eligible.

Citizenship: Unspecified

Award Amount: \$30,000-\$50,000 for 1-2 years

Indirect Costs: None

Application Deadline: June 1, 2021

Website: <https://www.lgsfoundation.org/research>

7. Center Support, Laerdal Foundation for Acute Medicine

We believe that more efficient education and better implementation of what is already known represent particular opportunities for improving patient outcomes. The Foundation will therefore welcome applications within the following areas of interest:

- Better reporting of data, as basis for improved care: Utstein Formula for Survival
- Promising hypothesis relating to updating of ILCOR guidelines for Emergency Cardiac Care and Cardiopulmonary Resuscitation

- International/multicenter collaborations for improved education
- Implementation of the Global Resuscitation Alliance
- Projects at or in collaboration with the SAFER simulation center in Stavanger

Initially center support was granted to single centers of excellence, however over the last years it has been granted primarily to multi-center collaborative efforts. Candidates should submit a three-year research plan considered to be of practical value for strengthening at least one of the factors in the Utstein Formula of Survival.

The research plan should be of relevance for the International Liaison Committee of Resuscitation's ongoing review process of the science underlying the guidelines.

Citizenship: Unspecified

Award Amount: 3 million kr NOK (approx. \$336,000) paid over 1-2 years

Indirect Costs: None

Application Deadline: April 1, 2021

Website: <https://laerdalfoundation.org/about/center-support/>

8. Saving Lives at Birth in Low-Resource Settings, Laerdal Foundation for Acute Medicine

The support will be focused on practically oriented projects helping achieve the UN Sustainability Goal no 3 (that in 2015 replaced the previous MDGs 4 and 5), aiming at:

- Reducing infant and child mortality by 2/3 from 2010 to 2030
- Reducing maternal deaths by 2/3 from 2010 to 2030

The Board particularly welcomes applications relating to:

- Innovative approaches to more efficient education and implementation
- Collaborative initiatives, such as the Helping Babies Survive and Helping Mothers Survive and Survive & Thrive Global Development Alliances
- Projects in selected focus countries: Tanzania, Ethiopia, Malawi, Bangladesh, India, Nepal

In considering applications for projects in developing countries, the Board will be prioritizing projects that beyond a local impact have the potential to document long term practical value, and stimulate developments also in other regions/countries through publication of results in peer reviewed journals.

Citizenship: Unspecified

Award Amount: Up to \$50,000

Indirect Costs: Unspecified

Application Deadline: April 1, 2021

Website: <https://laerdalfoundation.org/about/saving-lives-at-birth/>

9. Another Look: Better Health for Elders in Care Facilities, Patrick and Catherine Weldon Donaghue Medical Research Foundation

This program provides funding for health-related research that has the near term potential to improve health, well-being and the quality and equity of care in long term care facilities, for adults who are 65 year or older and are long term residents in nursing homes, assisted living, and other congregate care facilities.

The Foundation welcomes all topics related to improving quality and equity in long term care facilities but is particularly interested in supporting research focused on high priority issues that were identified through an environmental scan recently conducted by the Foundation.

These high priority topics are:

- Improving the quality and availability of palliative, end of life and hospice care
- Evaluating the impact of innovations in workforce roles and expertise on quality of life for residents and staff
- Assessing the role of family members and informal caregivers on resident quality of life
- Reducing the negative effects of isolation and loneliness on resident health and well-being
- Addressing racial, ethnic, gender or income disparities in care quality or health outcomes
- Addressing the specialized care needs of resident populations with developmental disabilities, serious mental illness, or addiction

Citizenship: United States

Award Amount: In 2021, the Foundation will invest a total of approximately \$750,000 in this grant program and expects to make four or five awards. Projects may be up to two years in length.

Indirect Costs: 10%

LOI Deadline: March 31, 2021

(Invited) Application Deadline: June 23, 2021

Website: <http://donaghue.org/grant-programs/grant-opportunities/>

10. Advances in Moderate-to-Severe Atopic Dermatitis for Dermatologists and Allergists, Pfizer Global Medical Grants (GMG) **NEW!**

Through this RFP, it is our intent to support programs for dermatologists and allergists on new and emerging therapies for moderate-to-severe atopic AD. Particular areas of interest include, but are not limited to:

- Help dermatologists and allergists stay current with the new emerging data for advanced therapies under development for moderate-to-severe atopic dermatitis
- Provide dermatologists and allergists with an overview of the benefit and risk profile of new and emerging therapies such as JAK inhibitors for moderate-to-severe atopic AD

- Improve dermatologists and allergists understanding of the importance of vaccination in the care of patients with atopic dermatitis, especially with the use of JAK inhibitors and other immunosuppressive agents

It is not our intent to support clinical research projects. Projects evaluating the efficacy of therapeutic or diagnostic agents will not be considered.

Citizenship: United States

Award Amount: \$250,000

Indirect Costs: 28%

Application Deadline: April 7, 2021

Website: <https://www.pfizer.com/purpose/independent-grants/competitive-grants>

11. Closing Knowledge Gaps in Osteoarthritis and Osteoarthritis Pain, Pfizer Global Medical Grants (GMG) **NEW!**

There remains a significant unmet need in the management of osteoarthritis (OA) and chronic pain associated with OA. Given the continued uncertainty regarding the status of many medical conferences worldwide, healthcare providers may have difficulty staying current with the newest recommendations for management/guidelines of OA and the emerging data for research/therapies under development to treat OA and OA pain. Through this RFP, it is our intent to support virtual and potentially live programs and other innovative digital medical education for HCPs. The focus is on Osteoarthritis and Chronic Pain associated with OA and patient-centered standard of care and management including pain and function, the biopsychosocial aspects of the disease, the complexities and challenges of care, and the future of OA/OA pain management. Programs targeted towards reviewing data at virtual or live osteoarthritis, rheumatology, pain, primary care, or other associated medical conferences, including but not limited to OARSI, EULAR, PAINWeek, AAFP, WCO, and ACR are of particular interest, as well as other meaningful education outside of congresses.

It is not our intent to support clinical research projects. Projects evaluating the efficacy of therapeutic or diagnostic agents will not be considered.

Citizenship: Unrestricted

Award Amount: \$200,000

Indirect Costs: 28%

Application Deadline: June 18, 2021

Website: <https://www.pfizer.com/purpose/independent-grants/competitive-grants>

12. IBD Fellow Training in US, Pfizer Global Medical Grants (GMG) **NEW!**

Rates of Inflammatory Bowel Disease (IBD) are increasing across the globe, and there are many complexities around management and patient care. Meeting this growing need requires

developing a workforce that is specifically trained in the care of IBD patients. It is not entirely practical to expect that the traditional three-year Gastroenterology (GI) fellowship program can adequately address more than the traditional scope of GI care. Therefore, we seek to provide funding through this RFP to support programs that will encourage collaboration between the existing US IBD Fellowship sites, with a goal to develop training program(s) that aim to achieve consistency across these Fellowship program sites.

It is not our intent to support clinical research projects. Projects evaluating the efficacy of therapeutic or diagnostic agents will not be considered.

Citizenship: United States

Award Amount: \$300,000

Indirect Costs: 28%

Application Deadline: April 12, 2021

Website: <https://www.pfizer.com/purpose/independent-grants/competitive-grants>

13. NSCLC Therapy Management for Optimal Outcomes, Pfizer Global Medical Grants (GMG) **NEW!**

Projects that will be considered for Pfizer support will focus on development of an algorithm or tool to guide the optimal treatment and support of patients with ALK or ROS1 re-arranged NSCLC.

The output of the project can be electronic (e.g. EMR-based or Application-based) or paper (e.g. published or freely available to download).

Therapy-management guidance is needed at all lines of treatment (e.g., first-line 1L, second-line 2L) and should include anticipated and pro-active management of side effects (neurocognitive, lipidemic etc.)

Support is available to institutions interested in developing a therapy management tool that can be used at their own center and also be made widely available to others through publication and other dissemination strategies.

It is not our intent to support clinical research projects. Projects evaluating the efficacy of therapeutic or diagnostic agents will not be considered.

Award Amount: \$150,000

Indirect Costs: 28%

Application Deadline: May 5, 2021

Website: <https://www.pfizer.com/purpose/independent-grants/competitive-grants>

14. Request for Proposals in Leukemia Research, When Everyone Survives Foundation (WES Foundation)

This request for proposals (RFP) is to solicit innovative research in leukemia. Grants are offered to those who are requesting support for laboratory, translational, or clinical research related to acute leukemia. The Foundation supports leukemia research because it recognizes that significant advances in the understanding, diagnosis, and treatment of leukemia are needed to achieve the goal of "When Everyone Survives".

Citizenship: Unspecified

Award Amount: \$50,000 for 1 year

Indirect Costs: 35%

Proposal Deadline: June 1, 2021

Website: http://www.wheneveryonesurvives.org/grant_application

15. Research Grants, Worldwide Cancer Research

Worldwide Cancer Research provides funding for basic and translational research into the prevention, diagnosis or treatment of cancer.

Applications on cancer symptoms or treatment side effects are accepted only if there is a very clear link to improving cancer survival. Studies investigating the biology of a side effect or symptom alone are unlikely to be accepted.

Basic studies into fundamental cellular processes, mechanisms and molecules are within remit if it is clear that the aim of the research is to improve the understanding of cancer biology. If a project is to study the normal functioning of cellular processes, mechanisms or molecules - or to study very basic models such as yeast - evidence supporting the relevance to cancer biology must be laid out.

Citizenship: Unrestricted

Award Amount: £250,000 (approx. \$349,000 USD) paid over 3 years

Indirect Costs: None

Application Deadline: April 2, 2021

Website: <https://www.worldwidecancerresearch.org/funding-for-research/>