



**PRIVATE FUNDING OPPORTUNITIES: JUL 7, 2017**

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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. John W. Walsh Translational Research Award in Alpha-1 Antitrypsin Deficiency, Alpha-1 Foundation (A1F)**

This award, aimed specifically at translating research findings into medical practice, is intended to carry on John W. Walsh's commitment to a cure for Alpha-1 Antitrypsin Deficiency.

Award Amount: \$225,000 paid over 3 years

Indirect Costs: None

Application Deadline: Aug 18, 2017

Website: <https://www.alpha1.org/Investigators/Grants/Grant-Opportunities>

**2. Program for Innovative Continuing Medical Education in Dermatology (PICMED), American Academy of Dermatology (AAD)**

The program was established to facilitate dermatologists' continuing education through support and development of innovative continuing medical education programs. All proposals to develop innovative continuing medical education programs will be considered. The CME program proposals may include creative needs assessment mechanisms, innovative use of technology, unique approaches to specific subject matter, novel presentation techniques, and use of existing educational paradigms in new environments.

Applicants must demonstrate one of the following:

The ideal educational proposal identifies or narrows gaps in competency and/or practice through the following:

- Innovative uses of technology that engage the learner,
- Unique approaches to specific subject matter,



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.

- Novel presentation techniques, and/or
- Utilization of existing educational paradigms in new environments.

Sample proposals may include (but are not limited to) the following:

- Performance Improvement Education.
- Internet-Point of Care Education.
- Education delivered via a mobile application.
- Web or digitally based instructional tools and enduring materials.
- Gamification, virtual patient, and procedural skills simulation.

Award Amount: Up to \$50,000 for 2 years

Indirect Costs: None

Application Deadline: Sep 1, 2017

Website: <https://www.aad.org/education/awards-grants-and-scholarships/picmed-grant>

### **3. Linked Standard Research Innovation Grants, American Foundation for Suicide Prevention (AFSP)**

These grants are awarded to investigators at any level performing research involving two or more unique sites with each site contributing unique expertise, as well as data collection. Both basic science and applied research projects will be considered, provided that the proposed study has an essential focus on suicide or suicide prevention.

This grant mechanism is designed to encourage implementation of a common grant protocol at three or more sites. Applicants must provide a compelling rationale for the linked grant (more than availability of a larger sample size), designate who will be responsible for the overall conduct and quality control of the study, designate who will be responsible for the data analyses, and discuss how the work at the various sites will be coordinated.

All AFSP research grants are designed to support research on suicide from a variety of disciplines including psychiatry, medicine, psychology, genetics, epidemiology, neurobiology, sociology, nursing, health services administration, social work, and many others. Grants are not intended to support the development or implementation of prevention programs, educational programs, treatments, or other interventions that do not have a significant research component.

Survey data suggests that individuals who are LGBT are at greater risk for suicide attempts (Haas, Eliason et al. 2011). However, confirmation of this finding is needed across a wider range of samples and using a wider range of data collection methods. In an effort to learn more about this issue AFSP suggests that all AFSP-funded researchers who are collecting original data systematically assess research participants for sexual orientation and gender identity.

AFSP defines priorities for funding every two years to stimulate research in understudied areas. AFSP also encourages applications that address the priorities set out by the National Action

Alliance for Suicide Prevention's Research Prioritization Task Force. Priority area research applications are reviewed along with the general pool of grant applications, with priority given to strong grants in the designated areas.

AFSP suicide research grants program priority areas for 2017-19

1. Pain and suicide
2. Opioids and suicide

AFSP aims to fund at least one to two rigorously designed priority area grants among those awarded in each cycle. AFSP's two-year priority period allows for resubmission of unsuccessful applications in the second year. While AFSP encourages applications in these priority areas, AFSP also encourages and welcomes all applications related to preventing suicide. In addition AFSP continues to maintain a strong interest in research related to survivors of suicide loss.

The National Action Alliance for Suicide Prevention has defined its priorities in terms of six questions

1. Why do people become suicidal?
2. How can we better or optimally detect/predict risk?
3. What interventions are effective? What prevents individuals from engaging in suicidal behavior?
4. What services are most effective for treating the suicidal person and preventing suicidal behavior?
5. What other types of preventive interventions (outside health care systems) reduce suicide risk?
6. What new and existing research infrastructure is needed to reduce suicidal behavior?

AFSP Suicide Research Grants support studies aimed at increasing our understanding of the causes of suicide and factors related to suicide risk, or that test treatments and other interventions designed to prevent suicide. At least one suicide outcome measure must be included in all grant projects. AFSP also considers studies of treatment feasibility, and studies that add a suicide component (e.g., population or treatment) to an existing grant in another area.

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

Indirect Costs: None

LOI Deadline: Sep 15, 2017

Website: <https://afsp.org/our-work/research/grant-information/>

#### **4. Chronic Pain Medicine Research Grant, American Society of Regional Anesthesia and Pain Medicine (ASRA)**

ASRA is recognized as a leading organization in the advancement of the science and practice of pain medicine. This grant aims to promote and facilitate high quality research in pain medicine.

Results of such research will guide clinical practice for pain physicians and improve patient health care. This research is needed to evaluate the efficacy and safety of pain interventions and treatments.

#### ASRA's Chronic Pain Research Priorities

- Development of novel measurement tools for chronic pain
- Identification of novel applications of existing therapeutics in humans
- Investigation of emerging interventions and novel drugs in humans
- Innovative clinical application of emerging electronic technology as it applies to chronic pain
- Clinical outcome studies to validate existing treatment strategies.

Award Amount: \$200,000

Indirect Costs: 20%

LOI Deadline: May 1, 2018

Website: <https://www.asra.com/page/70/chronic-pain-medicine-research-grant-submission-criteria>

#### 5. Grand Challenge Awards, Cancer Research UK (CRUK)

Grand Challenge awards are the most ambitious cancer research grants in the world. They're intended to catalyse a revolution in how we prevent, diagnose, and treat cancer by bringing together the brightest minds around the globe, providing the freedom to undertake innovative, game-changing research.

CRUK are looking for applications from interdisciplinary teams with novel, exciting ways of solving one of seven Grand Challenges, which together encompass some of the most important unanswered questions in cancer research. If applicants can convince CRUK they're on to something extraordinary, CRUK will give the team up to £20m to prove it. Cancer Research UK is seeking scientific adventurers who are willing to take risks in exchange for the ultimate reward - making cancer a disease that no longer inspires fear.

An independent advisory panel have now set 8 new Grand Challenges and are inviting the world's top scientists to come together proposing novel ways to tackle them.

- Tissue Specificity  
Devise approaches to prevent or treat cancer based on mechanisms that determine tissue specificity of some cancer genes.
- Tumour Vaccinology  
Create novel tumour vaccinology approaches that establish or enhance successful immune responses beyond what is revealed by current checkpoint therapy.
- Treatment Regimens  
Define mechanistic rules for combinatorial treatments to overcome resistance and avoid toxicity.

- Dormancy  
Identify and target tumour cells that remain dormant for many years after seemingly effective treatment.
- Lethal vs non-lethal  
Distinguish between lethal cancers which need treating, and non-lethal cancers that don't.
- Artificial Intelligence  
Detect cancer earlier by interrogating medical and non-medical data sets using machine and deep-learning.
- Microbiota  
Improve treatment responses by manipulating the composition and status of the microbiota.
- Cancer Causes  
Determine the mechanisms that cause cancer without known mutagenesis, such as obesity, in order to devise novel interventions.

Award Amount: Each shortlisted team will be awarded up to £30,000 seed funding.

Winning teams will receive an award of up to £20 million, typically over five years.

Indirect Costs: 10%

LOI Deadline: Oct 12, 2017

Website: <https://www.cancerresearchuk.org/funding-for-researchers/how-we-deliver-research/grand-challenge-award?wssl=1>

## **6. Targeted Research Initiative for Research Related to Cannabinoids and Epilepsy, Epilepsy Foundation**

The Foundation supports translational, clinical and behavioral research leading to advances into the diagnosis and care of persons with seizures and epilepsy. The Foundation is pleased to continue its Targeted Research Initiative program on Cannabinoids, in recognition of the critical need for research on cannabidiol and other cannabinoids and their potential for therapeutic development for treatment of epilepsy. Research must be conducted in the United States.

This Request for Proposal (RFP) was developed to generate pilot data that can lead to sponsored research projects in the future. The Foundation invites research grant applications from interested investigators to conduct pilot research in the following areas. Projects should address at least one of the following numbered items.

1. Fundamental knowledge of anticonvulsant mechanism(s) of action of cannabidiol or other cannabinoids.
2. Cannabinoid therapeutics
  - a. Special interactions among AEDs and cannabidiol
  - b. Interactions of AEDs with epilepsy-associated, interictal dysfunctions of mood, anxiety and thought in those using cannabinoids as anticonvulsant therapy.

3. Epidemiologic studies of those individuals using cannabinoids as anticonvulsant therapy.

The peer review for this program will assess proposals based not only on scientific merit, but also on relevance to the goals of the program.

Applications are evaluated based upon the scientific quality of the research plan, relevance of the proposed research to program goals, the applicant's qualifications, and the adequacy of the facility where the research will be conducted.

Award Amount: \$50,000 for 1 year

Indirect Costs: None

Application Deadline: Sep 25, 2017

Website: <http://www.epilepsy.com/accelerating-new-therapies/our-research-program/grant-and-fellowship-opportunities>

## **7. PhD Trainee and Postdoctoral Research Fellowship, Myotonic Dystrophy Foundation (MDF) New**

Wyck is actively soliciting Ph.D. trainee and fellowship proposals for basic, clinical, or applied research directly related to myotonic dystrophy in:

- Pathogenesis
- Molecular basis underlying phenotype differences (Type 1, 2, congenital)
- Development of diagnostics and biomarkers
- Progression /natural history
- Identification and validation of drug treatment endpoints
- Standards of care and care integration, including nursing, social work, and psychology
- Epidemiology, economics, and support services
- Therapeutic development, particularly, but not limited to, early stage projects where success can leverage larger investments

Award Amount: This will be a two-year project with a budget of \$52,500 for PhD Trainees or \$102,500 for Postdoctoral Fellowships

Indirect Costs: None

Proposal Deadline: Sep 1, 2017

Website: <http://www.myotonic.org/grant-opportunities-awards>

## **8. Research Grants, Nutricia Research Foundation**

The basic activity of the Foundation to fulfil its mission is supplying grants for nutrition related research projects.

Applications for research grants, are reviewed on the basis of the originality of the project, the definition of a clear study hypothesis, the appropriateness of the experimental design, the feasibility of the research plan and the relevance to nutrition. Where appropriate, applicants are encouraged to show power and sample size calculations in full, and seek help from statisticians if needed.

Award Amount: €50,000 paid over 2 years

Indirect Costs: Not specified

Application Deadline: Sep 16, 2017

Website: <https://www.nutricia-research-foundation.org/Researchgrants.htm>

### **9. Research Grant Program, The Glaucoma Foundation (TGF)**

The Foundation offers grants to researchers striving to improve the lives of glaucoma patients through novel innovations and scientific advances. The area of current focus for TGF's Grant Research program is exfoliation syndrome and exfoliation glaucoma.

Award Amount: \$60,000 for 1 year with the potential for an additional 1-year \$60,000 renewal

Indirect Costs: None

Application Deadline: Sep 1, 2017

Website: [http://www.glaucomafoundation.org/Grant\\_Application.htm](http://www.glaucomafoundation.org/Grant_Application.htm)