



Massachusetts General Hospital  
Corporate & Foundation Relations  
Office of Development

**PRIVATE FUNDING OPPORTUNITIES: JUN 16, 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. Research Grants in Prematurity (Prematurity Research Grants Program), AMAG Pharmaceuticals**

Research grants are available to researchers interested in addressing prematurity and improving neonatal health. The company is committed to funding research aimed at reducing the risk of premature birth and improving the health of neonates and infants in the United States. Consideration will be given to basic or clinical research in maternal, fetal and neonatal/infant health.

Award Amount: \$75,000

Indirect Costs: None

Application Deadline:

Website: <http://www.amagpharma.com/research-and-growth/grants/research-grants-prematurity/>

**2. Nurse Researcher Grants: Nurse Researcher Fellowship, Alex's Lemonade Stand Foundation for Childhood Cancer (ALSF)**

The Fellowship grant aims to support early career nurse researchers who will be guided in their projects by a mentor and their institution. The fellowship's goal is to train both Ph.D. and Master's prepared pediatric oncology RNs in research methods, collaboration techniques and multi-site research management.

With support from an experienced nurse research mentor identified by ALSF, fellowship recipients will develop a team within their own institutions as well as partnerships at other institutions to implement their proposed research study. A formal curriculum focuses on



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.

developing multi-site investigator skills as part of the Fellowship. Successful completion of the Fellowship should position investigators to apply for the ALSF Nursing Discovery grant or NIH research grants.

Examples of fundable projects include collecting information to answer a nursing question related to symptom assessment during cancer treatment, applying a specific intervention to decrease pain during invasive procedures, and evaluating the best method for new patient teaching. Applicants should propose a project that would require 2-3 study sites to obtain sufficient enrollment. The additional study sites (other than their own) do not have to be identified at the time of the proposal. Once a project is selected for funding, the ALSF Mentor will work with the PI to choose additional study data collection sites.

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

Indirect Costs: None

Application Deadline: Sep 25, 2017

Website: <https://www.alexslimonade.org/grants/program-areas/quality-life-and-care>

### **3. AATS Research Scholarship - Third Andrew Morrow Research Scholarship 2018 – 2020, American Association for Thoracic Surgery (AATS)/AATS Graham Foundation**

In 1985, the AATS established a two-year research scholarship awarded annually to provide an opportunity for research, training and experience for North American surgeons committed to pursuing an academic career in cardiothoracic surgery. The scholarship will be funded by the AATS Graham Foundation and administered by the Association. Each year the Association honors one of the specialty's major contributors to the science of cardiothoracic surgery through their efforts in basic and clinical research. This year's scholarship recognizes the contributions of Dr. Andrew Morrow.

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

Indirect Costs: None

Application Deadline: Jul 1, 2017

Website:

[http://aats.org/aatsimis/AATSGrahamFoundation/Our\\_Programs/Fellowships/Third%20Andrew%20Morrow%20Research%20Scholarship%202018%20%E2%80%93%202020.aspx](http://aats.org/aatsimis/AATSGrahamFoundation/Our_Programs/Fellowships/Third%20Andrew%20Morrow%20Research%20Scholarship%202018%20%E2%80%93%202020.aspx)

### **4. Focus Grants, American Foundation for Suicide Prevention (AFSP)**

Focus Grants are unique grants that are awarded through a special RFA (Request for Applications) process. They are designed to advance innovative, high-risk, potentially high-yield projects that focus on a specific area of suicide prevention. These areas have been determined by AFSP and its Scientific Council, and are reviewed and updated annually on the AFSP website.

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, social work, health services administration 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. Both basic science and applied research projects will be considered, provided that the proposed study has an essential focus on suicide or suicide prevention.

AFSP is accepting letters of intent for its 2017 Focus Grants in the following subject areas: Short-Term Risk; Reaching 20% by 2025; Investigator Initiated Grant.

### 1. Short-Term Risk

The Focus Grant for Short-Term Risk is open to innovative, potentially high-yield proposals that focus on short-term risk for suicide.

#### Goal

To develop identification and/or intervention strategies for short-term suicide risk that can be implemented in clinical settings.

#### Requirements

- The outcome measures for baseline and follow-up must include suicidal behavior.
- The assessments should include multi-modal, clinically relevant measures.
- The study must be based in the U.S.
- Evidence for the feasibility of data collection must be provided.

### 2. Reaching 20% by 2025

AFSP has set a goal to reduce our nation's suicide rate 20% by 2025. We believe that by targeting areas known to contribute to suicide burden we can reach this goal. This Focus Grant RFA seeks applications that address potential biological, psychological, social and/or environmental pathways and interventions that can significantly reduce the national suicide rate if ultimately implemented on a large scale.

#### Goal

Universal, selective and indicated interventions that target one or more specific risk factors for suicide and that, if implemented on a large scale, would reduce national suicide rates.

#### Requirements

- The study rationale must address feasibility to measurably reduce U.S. suicide rates with widespread implementation.
- Consistent with AFSP grant policies, the study must include measurement of suicide or nonlethal suicide attempts at baseline and follow-up assessments. However, in a study of this size, a change in suicidal behavior may not be robust enough to detect. In addition, therefore, investigators may use a conceptual logic model linking a measurable

proxy behavior (such as adherence to the intervention) to suicide in order to demonstrate that the intervention could have an effect on suicide if widely disseminated.

- A conceptual model and quantitative analysis demonstrating the potential impact on U.S. suicide rates if the study were implemented broadly are requested. Important considerations include population based attributable risk, acceptability, feasibility, and ease of dissemination.
- The study must be based in the U.S.
- Evidence of feasibility to conduct the study must be provided.

#### Hypothetical Examples (for illustrative purposes only)

- Building barriers on bridges and adding and training bridge staff is an hypothesized pathway to reduce suicide deaths. In an application that proposed to test that hypothesis, the investigators would explain the proportion of suicides that are due to jumping from bridges, estimate the reduction that should result from the proposed prevention strategy if it were found effective, and indicate on that basis the impact that the intervention would have on suicide deaths and rate nationally.
- Suppose there is a gene that is uniquely found in 30% of people who die by suicide and is associated with a positive treatment effect with a specific medicine. A new rapid genetic test has been developed that can be used to identify the presence of the relevant gene allele suggesting that the medication should be started immediately. One could calculate how many lives would be saved if the test were available in emergency departments. If successfully treating this subgroup could prevent suicide, then the impact of the test would depend on how many potential suicides had the test. If 30% of future suicides had the genetic test and then one would predict that 30% of those would test positive for the risk genotype, then about one ninth of all suicides would be prevented and that is over 4000 deaths per year being prevented or 11% of all suicides.

### 3. Investigator Initiated Grant

Supports an innovative, impactful study in an area of suicide research that will achieve significant goals. This mechanism is intended for studies that, by their very nature, are clearly beyond the scope of our Innovation Grants.

#### Goal

Innovative projects in new areas of investigation with potentially high impact for the understanding and prevention of suicide. Open to all fields of inquiry.

#### Requirements

- The study must be highly innovative.
- The impact for suicide prevention must be clearly described. If impact will not be in the near term, please describe the path from discovery to implementation.
- The study is clearly beyond the scope of our Innovation Grants for reasons other than only increased sample size.

- The study must be grounded in a conceptual model.
- Evidence for the feasibility of data collection must be provided.
- The outcome must include suicidal behavior.
- Not limited to studies conducted in the U.S.

Award Amount: Up to \$1.5 million paid over 3 years

Indirect Costs: None

LOI Deadline: Aug 1, 2017

Website: <http://afsp.org/our-work/research/grant-information/the-focus-grants/>

### **5. CONquer canCER Now Award, Concern Foundation**

By specifically targeting promising early-career scientists and providing critically needed "seed" money for innovative projects, Concern Foundation supports development of the next generation of cancer researchers and thus promotes progress in understanding cancer biology and improved approaches to cancer.

Proposals must be hypothesis-driven and centered on cancer genetics, cancer biology, or cancer immunology. Concern will not fund clinical trials, cancer epidemiology, or behavioral studies.

Award Amount: \$60,000-\$120,000 paid for 1-2 years

Indirect Costs: None

LOI Deadline: Sep 7, 2017

Website: <http://www.concernfoundation.org/apply-for-grant.html>

### **6. Making a Difference in Real-World Bioethics Dilemmas, Greenwall Foundation**

The Foundation's bioethics grants program supports research to help resolve an important emerging or unanswered bioethics problem in clinical care, biomedical research, public health practice, or public policy. The Foundation's aim is to fund innovative projects that will have a real-world, practical impact.

While the Foundation welcomes all innovative proposals that will have a real-world impact, the Foundation is particularly interested in proposals that address the following priority topics:

1. Ethical and policy issues related to patient or clinician behavior that belittles or demeans other people during the provision of medical care. For example, patients may demean individual health care workers because of their ethnic or religious background, gender, or sexual orientation. Or health care workers may speak about patients or family members in similarly demeaning ways. Projects might address how to implement expectations regarding such behaviors or gather empirical data on the extent and impact of such behaviors. Collaborations addressing this priority topic might involve a bioethics scholar and, for example, a physician or nurse, or the leader of a health care organization.

2. Ethical and policy issues surrounding community-based responses to the opioid epidemic, including the role of faith-based groups in decreasing opioid abuse and responding to its consequences. Collaborations addressing this priority topic might involve a bioethics scholar and, for example, a clergy member who provides pastoral care to affected individuals and families, a leader of a community substance abuse program, or representatives of families affected by substance abuse.
3. Ethical and policy issues related to advances in biomedical research and the translation of innovative research into clinical practice, including:
  - Clinical trials of somatic cell human gene editing in serious diseases for which good treatments currently do not exist. Collaborations addressing this topic might involve a bioethics scholar and, for example, a scientist developing a specific clinical trial using human gene editing.
  - The increasing use of big data, precision medicine, and mobile health applications in clinical care and research. Collaborations addressing this topic might involve a bioethics scholar and, for example, a computer scientist developing mobile applications or working in big data analytics.
4. Ethical and policy issues related to healthcare access, costs, and resource allocation. Because healthcare access and affordability continue to be unresolved problems in the United States, the Foundation welcomes proposals that develop and implement innovative, practical approaches to these issues. Collaborations addressing this priority topic might involve a bioethics scholar and, for example, a leader in an organization with responsibility for providing or paying for care.
5. Ethical and policy issues related to operating within existing legal and regulatory frameworks, including those concerning public health; regulation of drugs, devices, biologics, tobacco, and food; privacy protections; and human subjects research. We are particularly interested in projects exploring novel and creative ways to operate within existing frameworks to achieve desirable ethical outcomes. We are also interested in projects that explore unaddressed ethical issues in the interpretation or implementation of laws and regulations. Collaborations addressing this priority topic might involve a bioethics scholar and, for example, a government agency official or leader in an organization operating within the relevant legal framework.

Proposals for projects that address real-world, practical bioethics problems in other topic areas are also welcome.

Projects may be empirical, conceptual, or normative. While all proposals should explain how they will help address a real-world bioethics dilemma, this is especially the case for conceptual proposals. Projects that analyze the normative implications of already-completed empirical research are of particular interest. The Foundation will support mentored projects in which a

postdoctoral fellow or junior faculty member works with an experienced bioethics scholar, provided that the mentor is closely involved in all phases of the project. The Foundation will also consider pilot or feasibility projects to evaluate an innovative intervention to resolve a bioethics dilemma, with the goal of obtaining funding from other sources for a larger evaluation or demonstration project. Some highly promising projects may be funded for an initial phase, with additional funding contingent on achieving clear milestones.

The Foundation expects grantees to disseminate their research through practical articles in peer-reviewed journals that reach the appropriate audience for the topic studied, through presentations in relevant professional meetings, and in other ways that will increase real-world impact. Applicants should describe, for example, how they will disseminate their results beyond academic audiences, such as to lay and community groups or to leaders of institutions who could implement the project's recommendations or act upon empirical findings (e.g., leaders of clinical services, research programs, institutional review boards, or medical education). Successful applicants will be expected to present their research to peers and senior bioethics scholars at a meeting convened by the Foundation.

In evaluating proposals, the Foundation will consider:

- The real-world importance of the bioethics problem to be studied and the likelihood the project will have a constructive real-world impact. Importantly, projects that aim to impact public policy should not constitute advocacy projects with predetermined conclusions, but, rather, remain policy-oriented bioethics research with carefully targeted research questions and dissemination plans.
- The innovative nature of the project's approach and how it goes beyond previous work on the issue.
- The appropriateness and rigor of the methods, analysis plan, strategy, and approach.
- The appropriateness and inclusiveness of the project's planned approach to dissemination and implementation, including how stakeholder audiences beyond academia will be targeted and include key individuals who can change practice or policy.
- The professional background of the proposed investigators, and their close, practical familiarity with the bioethics problems to be addressed.
- The previous success of the proposed investigators in carrying out similar projects.
- The success of the investigators in publishing practical bioethics articles, similar to what is proposed, in top-tier journals with a broad audience, and in otherwise disseminating the results of their research to relevant stakeholders.
- The value added by interdisciplinary collaboration, as discussed above.
- The reasonableness of the budget, including the amount and duration of funding requested.

Projects with the following characteristics will not be funded under this program:

- Projects that implement or make incremental improvements in established approaches to bioethics problems, build institutional infrastructure, or provide bioethics education, training, or coursework.
- Projects that simply describe or analyze bioethics issues or provide a conceptual framework, without making practical recommendations for resolving the issues. However, projects that present normative recommendations that are based on previous empirical research are encouraged.
- Projects that have predetermined conclusions or advocate for predetermined positions.
- Projects whose main goal is to convene or enhance a meeting, unless there is a well-developed plan to produce a peer-reviewed publication with consensus recommendations, guidelines, or best practices with a strong likelihood of real-world implementation.
- Projects to support or extend ongoing or core activities of an organization.

Award Amount: Unspecified

Indirect Costs: 10%

LOI Deadline: Jul 12, 2017

Website: <http://greenwall.org/making-a-difference-current-request-for-proposals.php>

#### **7. Brian D. Novis Junior Research Award, International Myeloma Foundation (IMF)**

These awards go to researchers doing work in the field of multiple myeloma and related disorders including smoldering myeloma, MGUS (monoclonal gammopathy of undetermined significance) as well as immunoglobulin derived amyloidosis.

The Award Committee will consider most favorably those proposals that provide evidence of an applicant's research initiative and creativity. The Committee will also weigh the previous accomplishments of the applicant, the probability of meaningful results from the proposed research, and the likely contribution of the research to the advancement of our knowledge of myeloma etiology, diagnosis, treatment, or prevention.

Award Amount: \$50,000 for 1 year

Indirect Costs: 10%

Application Deadline: Aug 1, 2017

Website: <https://www.myeloma.org/research/brian-d-novis-research-grants>

#### **8. Brian D. Novis Senior Research Award, International Myeloma Foundation (IMF)**

These awards go to researchers doing work in the field of multiple myeloma and related disorders including smoldering myeloma, MGUS (monoclonal gammopathy of undetermined significance) as well as immunoglobulin derived amyloidosis.



These awards are targeted to established investigators with a track record in myeloma or related disorders, and are designed for projects which represent a different focus, direction, or area of research from those in which they are currently funded. In most cases, these awards will be for pilot projects to obtain sufficient funding for larger applications from NIH or similar larger funding agencies.

Award Amount: \$80,000

Indirect Costs: 10%

Application Deadline: Aug 1, 2017

Website: <https://www.myeloma.org/research/brian-d-novis-research-grants>

#### **9. Clinical Investigator Career Development Grant, Lymphoma Research Foundation (LRF)**

The Lymphoma Research Foundation (LRF) maintains a strong commitment to supporting young investigators and ensuring they can build a successful career in the field of lymphoma research. The LRF Clinical Investigator Career Development Grant Program is designed to support physician investigators at the level of advanced fellow or junior faculty member who will contribute to the development of new lymphoma therapies and diagnostic tools.

The goal of the program is to prepare physician investigators to design and administer clinical research studies in lymphoma and assume primary responsibilities for clinical research, protocol writing, Institutional Review Board (IRB) submission and publication. As such, a Career Development Plan is required as part of the Grant Application. The proposed research plan should also develop the necessary knowledge and clinical research skills relevant to the investigator's career goals. The Grant is designed to provide physician investigators with support to spend 35-50 percent of their time implementing clinical research studies in lymphoma.

All projects must be focused on hypothesis-driven clinical research in lymphoma. The project should be developed by the Applicant and should include at least the framework of a research protocol.

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

Indirect Costs: None

Application Deadline: Sep 6, 2017

Website: <http://www.lymphoma.org/site/pp.asp?c=bkLTKaOQLmK8E&b=8490975>

#### **10. Postdoctoral Fellowship Grants, Lymphoma Research Foundation (LRF)**

The LRF maintains a strong commitment to supporting young investigators and ensuring they can build a successful career in the field of lymphoma research. The LRF Postdoctoral Fellowship Grant is designed to support investigators at the level of advanced fellow, postdoctoral researcher, or junior faculty member in laboratory or clinic based research with

results and conclusions that must be clearly relevant to the treatment, diagnosis or prevention of Hodgkin and/or non-Hodgkin lymphoma. Areas of research may include, but are not limited to, etiology, immunology, genetics, therapies and transplantation. During the award period, the Fellow must spend a minimum of 80 percent of his/her time in research without major patient care, teaching, or administrative responsibilities except as such responsibilities relate directly to a pre-clinical or clinical lymphoma research project.

Award Amount: \$105,000 paid over 2 years

Indirect Costs: None

Application Deadline: Sep 6, 2017

Website: <http://www.lymphoma.org/site/pp.asp?c=bkLTkaOOLmK8E&b=8490975>

#### **11. Edmond J. Safra Fellowship in Movement Disorders, Michael J. Fox Foundation for Parkinson's Research (MJFF)**

Movement disorder specialists - neurologists with subspecialty training in treating Parkinson's disease and other movement disorders - serve as an important bridge between scientific advances in the lab and positive patient outcomes in the care setting. While the demand for movement disorder specialists increases, not enough neurologists are receiving this vital training. To address this unmet need, MJFF has introduced this fellowship program with the goal of developing a network of highly trained clinician-researchers - the next generation of leaders in Parkinson's patient-relevant drug development and expert clinical care.

The program offers funding to well-established movement disorder centers to support two-year training fellowships.

To allow centers sufficient time to identify the most favorable recipients, MJFF will award promising training centers directly with funding for the fellowships. Once awarded, the center will be required to nominate the presumptive fellowship recipient for final review by MJFF. This nomination will include submission of the fellow's CV and a letter of recommendation from the assigned mentor.

The program is designed to expand the capacity of leading centers to train movement disorder fellows. Applying centers must identify and support a new fellow. Grant support cannot be used to support a fellow already enrolled in the center's program. Please note MJFF will be awarding the movement centers directly, individuals enrolling in fellowship programs may not apply on their own but are encouraged to inform their prospective institutions about this funding opportunity.

Award Amount: \$180,000 paid over 2 years

Indirect Costs: None

Application Deadline: Dec 6, 2017

Website: <https://www.michaeljfox.org/research/grant-detail.php?id=30>

## **12. Career Development Grant, Orthopaedic Research and Education Foundation (OREF)**

This Funding Opportunity Announcement solicits investigator-initiated research proposals by investigators who have demonstrated a sustained interest in research and excellence in their training. Multidisciplinary research proposals are encouraged.

Clinical relevance of all proposals must be clearly noted in the abstract and specific aims and be obvious from the title and the study design. All proposed projects are expected to generate results that have a practical application.

It is expected that upon completion of the proposed project, the principal investigator will be well poised to pursue NIH/DOD or the equivalent large-scale funding to continue to advance the area of research.

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

Indirect Costs: None

LOI Deadline: Jul 14, 2017

Website: <http://www.oref.org/grants-and-awards/grant-programs/general-grants>

## **13. MTF Research Grant (OREF/Musculoskeletal Transplant Foundation Research Grant), Orthopaedic Research and Education Foundation (OREF)**

This Funding Opportunity Announcement solicits investigator-initiated research proposals focusing on research in the science of biologic - reconstruction, bone regeneration, transplantation - allografts, and including stem cells for graft transplantation.

Clinical relevance of all proposals must be clearly noted in the abstract and specific aims and be obvious from the title and the study design. All proposed projects are expected to generate results that have a practical application. It is expected that upon completion of the proposed project, the principal investigator will be well poised to pursue NIH/DOD or the equivalent large-scale funding to continue to advance the area of research.

Award Amount: \$98,000 paid over 2 years

Indirect Costs: None

Application Deadline: Sep 15, 2017

Website: <http://www.oref.org/grants-and-awards/grant-programs/research-specific-grants>

## **14. New Investigator Grant, Orthopaedic Research and Education Foundation (OREF)**

This Funding Opportunity Announcement solicits investigator-initiated research proposals to advance the scientific training of individuals by providing seed and start-up funding for promising research projects.

Clinical relevance of all proposals must be clearly noted in the abstract and specific aims and be obvious from the title and the study design. All proposed projects are expected to generate results that have a practical application. It is expected that upon completion of the proposed project, the principal investigator will be well poised to pursue NIH/DOD or the equivalent large-scale funding to continue to advance the area of research.

Award Amount: \$50,000 for 1 year

Indirect Costs: None

LOI Deadline: Jul 14, 2017

Website: <http://www.oref.org/grants-and-awards/grant-programs/general-grants>

#### **15. OREF/ASES/Rockwood Clinical Research Grant in Shoulder Care, Orthopaedic Research and Education Foundation (OREF)**

This Funding Opportunity Announcement solicits investigator-initiated research proposals in the area of shoulder care by investigators who have demonstrated a sustained interest in research and excellence in their training. The objective of the grant is to encourage new investigators by providing seed and start-up funding for promising research projects.

Clinical relevance of all proposals must be clearly noted in the abstract and specific aims and be obvious from the title and the study design. All proposed projects are expected to generate results that have a practical application. It is expected that upon completion of the proposed project, the principal investigator will be well poised to pursue NIH/DOD or the equivalent large-scale funding to continue to advance the area of research.

Award Amount: \$50,000 for 1 year

Indirect Costs: None

Application Deadline: Sep 15, 2017

Website: <http://www.oref.org/grants-and-awards/grant-programs/research-specific-grants>

#### **16. OREF/Goldberg Arthritis Research Grant, Orthopaedic Research and Education Foundation (OREF)**

This Funding Opportunity Announcement solicits investigator-initiated research proposals in the treatment of arthritis with an emphasis on arthroplasty by investigators who have demonstrated a sustained interest in research and excellence in their training. The objective of the grant is to encourage new investigators by providing seed and start-up funding for promising research projects.

Clinical relevance of all proposals must be clearly noted in the abstract and specific aims and be obvious from the title and the study design. All proposed projects are expected to generate results that have a practical application. It is expected that upon completion of the proposed

project, the principal investigator will be well poised to pursue NIH/DOD or the equivalent large-scale funding to continue to advance the area of research.

Award Amount: \$50,000 for 1 year

Indirect Costs: None

Application Deadline: Sep 15, 2017

Website: <http://www.oref.org/grants-and-awards/grant-programs/research-specific-grants>

#### **17. ORS/OREF Post-Doctoral Fellowship Grant, Orthopaedic Research and Education Foundation (OREF)**

This Funding Opportunity Announcement seeks to encourage research in bioengineering, biology, clinical science, and translational research with relevance to orthopaedics by encouraging research projects that involve a high degree of innovation and novelty. Because innovative projects may require a preliminary test of feasibility, this initiative will provide short-term support for such preliminary work. Research topics may include basic, translational, or clinical research broadly relevant to the field of orthopaedics.

The grant provides individuals a full-time post-doctoral training fellowship in orthopaedic research with an experienced research advisor. A minimum of 95% time must be devoted to this fellowship during this award period.

Award Amount: \$50,000 for 1 year

Indirect Costs: None

Application Deadline: Sep 15, 2017

Website: <http://www.oref.org/grants-and-awards/grant-programs/general-grants>

#### **18. Prospective Clinical Research Grant, Orthopaedic Research and Education Foundation (OREF)**

This Funding Opportunity Announcement solicits investigator-initiated clinical research proposals by investigators who have demonstrated a sustained interest in research and excellence in their training. The objective of this grant is to stimulate clinical research and provide funding for promising prospective studies of a high clinical importance in orthopaedic surgery.

Clinical relevance of all proposals must be clearly noted in the abstract and specific aims and be obvious from the title and the study design. All proposed projects are expected to generate results that have a practical application. It is expected that upon completion of the proposed project, the principal investigator will be well poised to pursue NIH/DOD or the equivalent large-scale funding to continue to advance the area of research.

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

Indirect Costs: None

Application Deadline: Jul 14, 2017

Website: <http://www.oref.org/grants-and-awards/grant-programs/general-grants>

### **19. Informatics - Research Starter Grants, Pharmaceutical Research and Manufacturers of America Foundation, Inc. (PhRMA Foundation)**

The goal of the Informatics program is to promote development and use of novel informatics in an integrative approach toward understanding normal processes of human biology and disease processes.

Informatics awards support career development of scientists engaged in research that significantly integrates state-of-the-art information technology developed with advanced biological, chemical, and pharmacological sciences in the following areas:

- Genetics Proteomics
- Molecular Systems Biology
- Medical (human) Pathways and Networks
- Pharmaco- Integrative Biology
- Population Modeling and Simulation
- Novel approaches to the analysis of Big Data

Genomics Molecular Epidemiology

- a) Functional
- b) Structural
- c) Toxic-
- d) Pharmaco-
- e) Comparative

Research projects that extend or develop the proprietary value of specific drug products will not be accepted. This exclusion does not preclude research in which specific drug products are used to test hypotheses that have general applicability.

The goal of this program is to support students in advanced stages of training and thesis research and to encourage the entry of well-trained investigators into the informatics field.

Award Amount: \$100,000 for 1 year

Indirect Costs: None

Application Deadline: Sep 1, 2017

Website: <http://www.phrmafoundation.org/2015-awards/research-starter-grants/informatics/>

## **20. Pharmacology/Toxicology - Research Starter Grants, Pharmaceutical Research and Manufacturers of America Foundation, Inc. (PhRMA Foundation)**

The aim of the Research Starter Grants is to assist individuals beginning independent research careers at the faculty level.

Pharmacology/toxicology awards support career development activities of scientists embarking on research that integrates information on molecular or cellular mechanisms of action with information on the effects of an agent observed in an intact organism, in experimental animal or clinical studies or both.

Highest priority will be given to research that will attempt to integrate information on a drug or chemical's mechanism of action at the molecular or cellular level with a drug's effect in a human or laboratory animal. Applicants should describe the significance of a hypothesis being tested in the context of potential influences of biochemical, physiological, behavioral, or social systems.

These awards intend to encourage multidisciplinary training to apply the perspective of molecular, cell, and systems biology to pharmacology and toxicology research. Their scope includes basic drug action studies, detection of cellular responses to drugs at the gene level that create opportunities to optimize individualized drug therapy, and the corresponding evaluation of pharmaceuticals in human and clinical populations.

This program is not offered to augment an ongoing research effort. Funds must be used to conduct the proposed research.

Research projects that extend or develop the proprietary value of specific drug products will not be accepted. This exclusion does not preclude research in which specific drug products are used to test hypotheses that have general applicability.

Award Amount: \$100,000 for 1 year

Indirect Costs: None

Application Deadline: Sep 1, 2017

Website: <http://www.phrmafoundation.org/2018-awards/research-starter-grants/pharmacology-toxicology/>

## **21. Scientific Meetings, Polycystic Kidney Disease Foundation (PKD Foundation) New**

The Foundation supports the development of clinical interventions for the treatment of polycystic kidney disease (PKD). Since the Foundation's founding, it has invested almost \$42 million in more than 550 research, clinical and scientific grants, fellowships and scientific meetings.

The scientific meeting grant program is focused on funding PKD-relevant scientific and clinical meetings that bring together PKD scientists from around the world to discuss current findings

and encourage research collaborations. The Foundation has also funded medical education programs at national clinical meetings to educate medical professionals in the basic science, diagnosis, disease management and potential treatments for PKD. The Foundation has provided funding through educational grants to support scientific conferences and meetings that support its mission.

Award Amount: Up to \$50,000

Indirect Costs: Unpublished

Application Deadline: Continuous

Website: <https://pkdcure.org/research-medical-professionals/research-funding/>

## **22. Research Training Grant, Society for Academic Emergency Medicine (SAEM)/Society for Academic Emergency Medicine Foundation (SAEM Foundation)**

This grant is intended to provide funding to support the development of a scientist in emergency medicine. Its specific goals are:

1. Provide support to an emergency medicine academician awardee for two years of concentrated training and mentorship with an emphasis on learning research methodology. The award is intended to support the development of sound research skills rather than a specific research project.
2. Enhance the likelihood of the selection of an academic and research career by the awardee.
3. Facilitate the support of research training in the awardee's host institution for emergency medicine research scientists.
4. Encourage the awardee's academic development and involvement in emergency medicine research.

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

Indirect Costs: None

Application Deadline: Aug 1, 2017

Website: <https://www.saem.org/saem-foundation/grants/funding-opportunities/what-we-fund/research-training-grant>