



PRIVATE FUNDING OPPORTUNITIES: FEB 3, 2017

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 note 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 submission of the award. Training fellowships from foundations, public charity, and non-profit organizations are excluded from this minimum IDC requirement.

1. International Project Grant, Action on Hearing Loss (Trading Name of the Royal National Institute for Deaf People (RNID))

The Grant aims to generate scientific discoveries that will lead to new treatments to protect, improve or restore hearing, or to silence tinnitus.

Projects must be defined pieces of research with clearly stated objectives, experimental plan and expected outcomes.

Research projects in the following areas are requested:

1. Improving The Diagnosis of Hearing Loss

Novel research to develop new diagnostic tests to:

- identify the type and location of the damage underlying hearing loss
- predict outcomes, following intervention, to help select the most appropriate treatment
- help set up devices to better meet an individual's needs

This includes, but is not limited to, genetic, physiological or behavioural approaches.

2. Improving Medical Devices for Hearing

Forward looking research to improve approaches to:

- fitting hearing devices (e.g. hearing aids and cochlear implants)
- develop new signal processing strategies
- improve patient rehabilitation strategies
- improve the interface between a cochlear implant and the auditory nerve
- catalyse the development of novel medical devices to aid hearing



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> to schedule an individual consultation or group training session.

3. Understanding and Prevention of Hearing Disorders

Original research that will:

- identify the causes of hearing loss
- improve understanding of the molecular and cellular changes associated with different types of hearing loss
- contribute towards the development and evaluation of therapies to prevent hearing loss

The sponsor would particularly like to encourage applications that aim to improve the understanding of, and development of treatments for, Ménière's disease.

4. Restoration of Hearing

Cutting-edge research to:

- develop cell-based therapies to repair damage to the auditory system
- identify biological pathways that could be targeted to trigger the regeneration of damaged cell types
- advance drug or gene-based approaches to activate biological pathways to restore function or trigger cell regeneration

5. Silencing Tinnitus

Innovative research that will:

- identify the causes of tinnitus
- improve our understanding of the biological basis of tinnitus
- improve diagnosis of tinnitus
- develop and evaluate strategies to alleviate tinnitus

The sponsor would especially like to encourage applications that aim to improve understanding of the biology of human tinnitus.

Of particular interest are projects able to demonstrate a route to exploiting outcomes for the benefit of people with deafness, tinnitus or hearing loss.

Award Amount: £160,000 GBP paid over 3 years

Indirect Costs: None

Pre-Application Deadline: Feb 27, 2017

Website: <http://www.actiononhearingloss.org.uk/your-hearing/biomedical-research/apply-for-research-grants/international-project-grant.aspx>

2. TRIH Grant, Action on Hearing Loss (Trading Name of the Royal National Institute for Deaf People (RNID))

The aim of the grant is to help strengthen the translation of fundamental research towards patient benefit. It supports:

- research with a strong commercial potential that is likely to attract follow-on funding at the conclusion of the grant
- studies that will facilitate and enable the progression of promising basic research towards testing in clinical trials.

The TRIH (Translational Research Initiative for Hearing) Grant does not support basic research into the causes and underpinning biology of hearing loss and tinnitus or the development of devices or software.

Applications will be accepted in the following areas:

1. Small molecule, gene or cell-based approaches for the treatment of hearing loss or tinnitus. This can include:
 - Studies which will enable lead optimisation and/ or candidate selection.
 - Pharmacokinetic/Pharmacodynamic (PKPD) studies
 - Safety/toxicology studies
 - Drug repositioning/repurposing (applications must contain preliminary data supporting the proposed approach)
2. Research that addresses at least one of the following "TRIH Challenge" topics:
 - Validation of therapeutic targets for the treatment of hearing loss or tinnitus (applications must contain preliminary data supporting the proposed approach)
 - Studies to strengthen confidence that a target or therapeutic approach will be applicable to human hearing loss or tinnitus
 - Preclinical model validation i.e. studies to increase the understanding of in-vivo or in-vitro model relevance to human hearing loss or tinnitus
 - Identification/validation of methods or outcomes that could be used for one or more of the following: 1) Patient selection/stratification for clinical trials; 2) Robust measurement of treatment responses in clinical trials.

Award Amount: £300,000 GBP paid over 3 years

Indirect Costs: None

Expression of Interest Deadline: Mar 13, 2017

Website: <http://www.actiononhearingloss.org.uk/your-hearing/biomedical-research/apply-for-research-grants/trih-grant.aspx>

3. ASF, Pedersen Family, KFOC Alport Syndrome Research Funding Program, Alport Syndrome Foundation (ASF)

The Alport Syndrome Foundation, Inc. (ASF), Pedersen Family and the Kidney Foundation of Canada (KFOC) are pleased to announce the availability of funding for research to find novel treatments to prevent kidney failure and hearing loss in all patients with Alport Syndrome.

Research proposals with the potential to accelerate the development of new treatments to prolong kidney function and prevent hearing loss including:

- Identification and investigation of target pathways in disease progression
- Drug repurposing of existing approved drugs or other new approaches to improve the current standard of care. There are no geographical limitations of this funding.

Only applications in English will be accepted.

Award Amount: \$100,000 for 1-2 years

Indirect Costs: None

Application Deadline: Mar 20, 2017

Website: <http://alportsyndrome.org/research/2017-request-for-proposals/>

4. Junior Investigator Award, Supported by the AACAP Research Initiative, American Academy of Child and Adolescent Psychiatry (AACAP)

The Award, supported by AACAP's Research Initiative, is for child and adolescent psychiatry junior faculty. The program is intended to facilitate innovative research. The research may be basic or clinical in nature but must be relevant to the understanding, treatment and prevention of child and adolescent mental health disorders. Funding support may be used to supplement an ongoing research project. Applicants must have an on-site mentor who has had experience in the type of research that is being proposed that will normally include work with children and adolescents.

The Research Initiative is sponsored by Eli Lilly and Company and Shire Pharmaceuticals.

Award Amount: \$60,000 paid over 2 years

Indirect Costs: 8%

Application Deadline: Mar 15, 2017

Website:

[http://www.aacap.org/AACAP/Awards/Resident and ECP Awards/Junior Investigator Award.aspx](http://www.aacap.org/AACAP/Awards/Resident_and_ECP_Awards/Junior_Investigator_Award.aspx)

5. Career Guidance for Trainees (CGT), Burroughs Wellcome Fund (BWF)

Moving from training to satisfying employment, whether within academe or in other realms, can require skills not always learned at the bench. Surveys show that what employers want from potential Ph.D. job applicants is what graduate education means to provide: deep knowledge, hands-on experience, ability to ask meaningful questions and find answers to them, experience managing projects, capacity to work independently, initiative, entrepreneurialism, and an advanced ability to communicate clearly about complex things. Helping trainees understand, acquire, and demonstrate skills that make them ready for complex careers should be the goal of submitted projects.

BWF will support pilot projects that demonstrate practical approaches to readying scientists for career transitions. Projects may be meant to enhance trainees' understanding of jobs beyond the Academy, or of career trajectories within academe, or of the flexibility of scientists' intellectual skill set.

This fourth call for proposals has a different requirement than earlier rounds. Work proposed in this round **MUST** involve substantial partnerships that bring together complementary strengths from groups that are considerably separate from one another. Academic institutions, professional societies, and advocacy organizations are among the appropriate drivers of proposals.

BWF aims to advance good ideas that have the potential to be deployed at larger scales. FASEB's Individual Development Plan, a tool that helps structure key conversations between trainee and advisor, and Preparing Future Faculty, a program that provides trainees opportunities to observe and experience faculty responsibilities, are two programs (not developed with BWF support) that are examples of high impact programs that started small and spread. By citing them as examples, BWF means to encourage potential applicants to think big. In these proposals, applicants should send BWF ideas that could change how an organization like theirs thinks about readying trainees for successful, fulfilling, happy careers that reflect the value of a scientific education.

Program

The CGT program provides grants to support demonstration projects that will model affordable approaches to improving trainees' readiness for stable, fulfilling careers, whether by clarifying and improving their basic "Ph.D.-level" skills, by helping them identify how they can best use their skills and interests to serve the needs of potential employers, by providing them approaches to thinking through their career options, or by other strategies.

This program does not support biomedical research projects proposed by individual investigators.

Eligible proposals will include rationale/vision for the project, including who it is intended to impact and how it will change their career readiness. Proposals will also describe, in detail, the project, how it will be delivered to trainees, strategies for evaluating its potential impact, and if successful, how the project could be expanded to reach more trainees.

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

Indirect Costs: None

Application Deadline: Mar 6, 2017

Website: <http://www.bwfund.org/grant-programs/career-guidance/career-guidance-trainees>

6. NBA & GE Healthcare Orthopedics and Sports Medicine Collaboration Call for Proposals: Myotendinous Injuries, General Electric (GE)/GE Healthcare Worldwide

The NBA & GE Healthcare Orthopedics and Sports Medicine Collaboration is a strategic partnership aimed at engaging leading clinical researchers who have demonstrated excellence in orthopedics, sports medicine, radiology, and related disciplines. The NBA, GE Healthcare, and additional partners will provide funding for research that supports the mission of the collaboration.

The mission is to address high-priority clinical questions regarding the prevention, diagnosis, and treatment of acute and overuse injuries among NBA athletes, and to apply such findings to basketball players and the general population. A series of Calls for Proposals (CFP) will be consecutively released, with each CFP strategically focused on a class of acute or overuse injuries affecting NBA athletes.

The purpose of this CFP is to fund studies that aim to advance understanding of prevention, diagnosis, treatment, and recovery of Bone stress injuries (BSI) in basketball players and other athletes. The NBA & GE Healthcare collaboration is interested in studies that advance established paradigms and studies that challenge such paradigms by proposing and testing new concepts and methods. Preclinical studies that have direct clinical relevance will be considered. There is, however, a strong preference for research that will directly impact clinical care in human populations; thus, studies that translate basic science or preclinical findings into clinical practice are most responsive to this CFP. Studies of abnormal (uninjured) bone growth are not responsive to this CFP.

This CFP solicits research studies that will improve understanding of prevention, treatment, and recovery related to BSI, with a focus on two specific objectives.

- Research Objective 1. Research that leads to advancements in imaging to improve prevention, diagnosis, and/or treatment of BSI.
- Research Objective 2. Research that develops strategies to prevent and manage BSI.

Specific areas of research interest for this CFP include, but are not limited to, the following examples.

Research Objective 1. Studies that utilize imaging to:

- Characterize underlying pathobiological processes and natural history of BSI.
- Characterize the anatomy/morphology of athletes' pre-injury bone health, and build models to predict bone failure.
- Improve imaging of the navicular bone under loaded and unloaded conditions.
- Examine the impact of human movement on bone stress and loading.
- Address individual variation in response to bone morphology and loading patterns (e.g., athlete-specific bone injury thresholds, underlying reasons for variation in athlete-specific bone injury thresholds, and movement-specific bone loading).

Research Objective 2. Studies aiming to prevent and/or manage BSI by:

- Identifying epidemiologic characteristics of BSI in basketball players and comparator athletes that have low bone loading.
- Identifying prevalence of prior history of BSI in elite basketball players.
- Characterizing risk factors for both initial BSI and re-injury in basketball.
- Developing screening programs to identify athletes at higher BSI risk.
- Characterizing the effect of bone loading factors associated with physical activity (e.g., density of training cycles).
- Detecting human movement factors (e.g., gait motion and landing strategies) that can be mediated or modified (e.g., taping, orthotics, footwear, and surfacing) to impact bone loading and bone injury thresholds.
- Developing wearable sensor systems to quantify loading of musculoskeletal tissues.
- Characterizing the role of metabolic factors in BSI.
- Determining primary prevention efficacy of BSI in athletes, including functional or dynamic screening, and metabolic interventions.
- Developing new or optimizing current prevention programs.
- Creating strategies to improve return-to-play decision-making for BSI.
- Identifying clinical variability associated with defining BSI, and testing the validity of a standardized operational BSI definition.

GE Healthcare and the NBA intend to own any intellectual property developed as part of the proposed research.

Award Amount: \$300,000 paid over 3 years

Indirect Costs: 25%

Proposal Deadline: Apr 17, 2017

Website: <https://gex.brightidea.com/MyotendinousCFP2016>

7. Klaus J. Jacobs Research Prize, Jacobs Foundation

The Klaus J. Jacobs Research Prize awards outstanding scientific contributions of individuals from all scholarly disciplines aiming at improving the development and living conditions of children and youth or contributing to one of the Jacobs Foundation's thematic priorities. This includes, but is not limited to, educational sciences, psychology, economics, sociology, family studies, media studies, linguistics, neurosciences, computer sciences, and medical sciences.

Award Amount: 1 million Swiss Francs

Indirect Costs: Unpublished

Nomination Deadline: Mar 1, 2017

Website: <http://jacobsfoundation.org/klaus-j-jacobs-awards/call-for-nominations/>

8. Career Transition Fellowships, National Multiple Sclerosis Society (NMSS)

Finding a way to stop MS, restore function and end MS forever will require a cadre of well-trained scientists engaged in MS-related research. The Society's Career Transition Fellowship addresses this need by fostering the development and productivity of scientists who have potential to make significant contributions to MS research and help ensure the future and stability of MS research. This fellowship targets individuals who demonstrate both commitment and exceptional potential to conduct MS-related research.

The award provides support for advanced postdoctoral training in MS research and the research in a new faculty appointment. Whether this phase is proposed to occur with the applicant's current mentor and institution or take place with a new mentor and institution, the plan should demonstrate that new training will be obtained.

Transition fellows must secure a faculty appointment at an academic or non-profit research organization prior to the end of the advanced training phase in order to initiate the faculty support phase of the award. Faculty appointments at the institution associated with the advanced postdoctoral training period will be allowed provided that fellows demonstrate their independence from the postdoctoral mentor. It is expected that the fellow will continue the previously approved research plan during the faculty period.

Through a contribution from Mr. Donald Tykeson (active volunteer and member of the Society's National Board of Directors), the National MS Society will hold a meeting of all Society fellows and faculty awardees on alternate years. All Society fellows and faculty awardees whose awards are active at the time of the conference are required to attend at the Society's expense. The goal of this meeting is to improve the sharing of research information among the Society awardees, develop a sense of community among investigators, strengthen their commitment to MS, and establish new collaborations among these researchers.

Award Amount: \$550,000 paid over 5 years

Indirect Costs: 10%

Pre-Application Deadline: May 10, 2017

Website: <http://www.nationalmssociety.org/For-Professionals/Researchers/Society-Funding/Training-Grants-and-Fellowships/Career-Transition-Fellowships>

9. Collaborative MS Research Center Awards, National Multiple Sclerosis Society (NMSS)

The Society offers special funding for Research Centers to help stimulate collaboration and interaction in MS research among independent investigators, strengthen the ties between basic and clinical research, and stimulate recruitment of researchers from other fields into MS research. This will serve to leverage already available research support by stimulating and sustaining interdisciplinary collaborations, by developing new ideas and discoveries, and by attracting more high-caliber investigators to the MS field.

The Society supports fundamental as well as applied studies, nonclinical or clinical in nature, including projects in patient management, care and rehabilitation. To be considered for funding, all projects must show relevance to the Society's research mission to find the cause and cure for multiple sclerosis.

While continuing a strong program of investigator-initiated and targeted research, the Society recognizes and wishes to encourage the potential additive value and synergy of research done in an environment where investigators focused on MS research create a collaborative environment to further understanding of MS, its causes and treatments. Any field of basic and applied research relating to multiple sclerosis is appropriate to this program. A clinical research component is highly desirable.

The awards are designed to encourage interaction among investigators with existing strong MS research base funding to test new research ideas; to adjust rapidly to mid-course findings in ongoing research programs; to recruit talented investigators to the MS field; to purchase shared equipment that will enhance productivity; or for any other purpose that enhances interaction/collaboration among the research group. This support is not intended to be a substitute for substantial MS research or training support, which is available from other programs and sources. The program is designed to expand the horizons of MS research groups, and facilitate cooperation and collaboration, among investigators within the same or different institutions.

Award Amount: \$750,000 paid over 5 years

Indirect Costs: Unpublished

Pre-Application Deadline: Aug 30, 2017

Website: <http://www.nationalmssociety.org/For-Professionals/Researchers/Society-Funding/Collaborative-MS-Research-Centers>

10. Research Grants, National Multiple Sclerosis Society (NMSS)

The Society welcomes investigator-initiated applications for support of studies with high relevance to multiple sclerosis and the Society's research priorities. The Society supports fundamental as well as applied studies, non-clinical or clinical in nature, including projects in patient management, care and rehabilitation. To be considered for funding, all projects must show relevance to the Society's mission.

Award Amount: \$199,700

Indirect Costs: 10%

Pre-Application Deadline: Jul 26, 2017

Website: <http://www.nationalmssociety.org/For-Professionals/Researchers/Society-Funding/Research-Grants>

11. Sylvia Lawry Physician Fellowship Program (Sylvia Lawry Physician Fellowship Award for Training in MS Clinical Trials), National Multiple Sclerosis Society (NMSS)

To commemorate Sylvia Lawry's life, passion and tenacious spirit, and as a living tribute to the difference one person can make, The Society named this Program in her honor. With the increasing number of new therapies being developed for use in MS, there is a need for physicians trained in conducting clinical trials. Clinical trials to test the safety and efficacy of therapies for multiple sclerosis are highly complex and require special expertise and knowledge to monitor this highly variable disease.

It is the intent of this program that the individual will acquire formal training, under the tutelage of an established investigator, in a broad range of key elements associated with conducting clinical trials in MS. These may include design of study protocols, recruitment of patients, power calculations, randomization procedures, use of controls, identification of appropriate entrance and exclusion criteria, identification of primary and secondary outcome measures, maintenance and assessment of blinding, informed consent, safety monitoring and evaluation, and data access and statistical analysis. These elements must be integrated in the plan of training.

The proposal must provide documentation that:

- the clinical fellow will be actively trained in multiple ongoing MS clinical trials, preferably at various phases to provide
- exposure to the recruitment stage through data analysis.
- a formal curriculum appropriate for clinical trial training, including courses in biostatistics, epidemiology, or other related
- courses is available at the institution and will be part of the fellowship experience. Although it is not required, the review committee looks favorably on a training plan which includes the completion of a Master's degree in clinical research or another related research topic.

Applicants are discouraged from including a detailed independent research project in the training proposal.

Tykeson Conference on MS for Society Fellows and Junior Faculty Awardees:

Through a contribution from Mr. Donald Tykeson (active volunteer and member of the Society's National Board of Directors), the Society will hold a meeting of Society's fellows and faculty awardees on alternate years. All Society's fellows and faculty awardees whose awards are active at the time of the conference are required to attend at the Society's expense. The goal of this meeting is to improve the sharing of research information among the Society's awardees, develop a sense of community among our investigators, strengthen their commitment to MS, and establish new collaborations among these investigators.

Some areas of interest include:

- Stopping MS

- Immunologic basis of MS
- Neuroprotection
- Understanding and preventing MS progression
- Measures of disease activity, imaging, surrogate and biomarkers
- Pathology of MS
- Health care delivery and policy
- Clinical trials, preclinical studies, including commercial partnerships
- Restoring What's Been Lost
- Nervous system repair
- Biology of glia/myelin
- Cognitive and psychosocial issues
- Clinical trials, preclinical studies, including commercial partnerships
- Health care delivery and policy
- Patient management, care and rehabilitation
- Ending MS Forever
- Infectious triggers and risk factors
- Genetics and gender differences
- Epidemiology

Award Amount: \$195,000 paid over 3 years

Indirect Costs: None

Pre-Application Deadline: Aug 9, 2017

Website: <http://www.nationalmssociety.org/For-Professionals/Researchers/Society-Funding/Training-Grants-and-Fellowships/Sylvia-Lawry-Physician-Fellowships>

12. Policies for Action: Policy and Law Research to Build a Culture of Health (P4A), Robert Wood Johnson Foundation (RWJF)

P4A is a research program of the Robert Wood Johnson Foundation (RWJF) administered through the National Coordinating Center at the Urban Institute and in collaboration with five research hubs at Temple University, New York University, the University of Illinois at Chicago together with Washington University at St. Louis, the University of Michigan, and the Urban Institute.

P4A was created to help build the evidence base for policies that can help build a Culture of Health. P4A seeks to engage long-standing health care, mental and behavioral health, and public health researchers, as well as experts in areas that we recognize have strong influence on health, well-being and equity - such as labor, criminal justice, education, transportation, housing, and the built environment.

The research funded under this call for proposals (CFP) should help fill significant gaps in our knowledge about what policies can serve as positive drivers of change, including how the social

determinants of health can be used to achieve improvements in population health, well-being, and equity.

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

Indirect Costs: 12%

Preliminary Proposal Deadline: Mar 10, 2017 (Note: Sandpit/briefing session is Feb 15)

Website: <http://www.rwjf.org/en/library/funding-opportunities/2017/policies-for-action--policy-and-law-research-to-build-a-culture.html>

13. Grants for Research and Development Projects, Stiftelsen Promobilia - Promobilia Foundation

The Foundation supports research and development projects. The goal of the projects will be to improve the condition of disabled persons in a way that fits the rules of the Foundation.

The aim of the Foundation is to promote the development of technical aids so that disabled persons could benefit of a more active life. The task is to support research and development of technical aids as well as ensure they get into production and reach the needy.

The Foundation mainly gives support for development of tools for mobility handicapped but has also supported research about the comprehension of reading and writing difficulties. The Foundation has also supported research around diseases that could lead to severe motion problems.

Grants have also been given for research and development in hospitals and universities in Sweden and outside the country.

The foundation only gives support for projects that are coherent with its objectives. In general, the results should be useful for a larger group and make itself known by any form of open publication.

Award Amount: 100,000-500,000 kr SEK

Indirect Costs: 20%

Application Deadline: Mar 23, 2017

Website: <http://www.promobilia.se/?lang=en>