PRIVATE FUNDING OPPORTUNITIES: AUG 18, 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 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. ADDF/NIH Request for Proposals, Alzheimer's Drug Discovery Foundation (ADDF)

The ADDF is considering financial assistance for relevant NIA and NINDS grant applications that were scored but not funded AND fall within the ADDF's current funding priorities.

The ADDF will accept eligible applications on a rolling basis and will provide an expedited review, minimizing time and effort on the part of the investigator(s). To expedite the application process, eligible investigators may submit their NIA or NINDS applications and a copy of the study section review directly to the ADDF. In addition, NIA and NINDS staff will identify eligible investigators whose applications in response to the below-listed FOAs were scored but unfunded, and will notify them of this opportunity thrice yearly in conjunction with Institute funding decisions. The ADDF will attempt to support parts or all of applications that fall within the foundation's mission and funding priorities.

Receiving interim funding by the ADDF will enable investigators to continue valuable research projects and obtain additional preliminary data to aid in future funding efforts.

Award Amount: Unspecified
Indirect Costs: Unspecified
LOI Deadline: Continuous
Website: https://www.alzdiscovery.org/research-and-grants/funding-opportunities/nih

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*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.*

2. Uncovering New Patterns Fellowships (Uncovering New Patterns Fellowship in Cardiovascular Disease and Stroke), American Heart Association (AHA)/Institute for Precision Cardiovascular Medicine

The purpose of this fellowship is to train a generation of postdoctoral fellows in the scientific area of cardiovascular diseases and stroke and cloud computing. Specifically, this funding opportunity seeks to:

- test methods for data harmonization across different datasets to allow critical questions to be asked in larger populations regarding biomarkers, genetic variants, or other variables in cloud computing;
- test new methods for uncovering patterns within and across datasets in cloud computing;
- test new hypotheses for old yet unsolved problems within and across existing datasets in cloud computing;
- identify new biomarkers, genetic variants, behavioral influences, and environmental changes within and across existing datasets in cloud computing.

Applicants are highly encouraged to work within the AHA Precision Medicine Platform and Marketplace of tools (http://precision.heart.org), and provide a detailed paragraph in the research plan as to how the work proposed will serve the greater community.

Award Amount: $150,000 paid over 2 years
Indirect Costs: 10%
Application Deadline: Nov 1, 2017
Website:
http://professional.heart.org/professional/ResearchPrograms/InstituteforPrecisionCardiovascularMedicine/UCM_461668_Information-on-the-Institute-for-Precision-Cardiovascular-Medicine.jsp

3. Uncovering New Patterns Grants (Uncovering New Patterns in Cardiovascular Disease and Stroke Grant), American Heart Association (AHA)/Institute for Precision Cardiovascular Medicine

The purpose of this award is to uncover new patterns and make new discoveries within and across existing data sets using cloud computing. Specifically, this funding opportunity seeks to:

- test methods for data harmonization across different datasets to allow critical questions to be asked in larger populations regarding biomarkers, genetic variants, or other variables using cloud computing;
- test new methods for uncovering patterns within and across datasets using cloud computing;
- test new hypotheses for old yet unsolved problems within and across existing datasets using cloud computing;
- identify new biomarkers, genetic variants, behavioral influences, and environmental changes within and across existing datasets using cloud computing.

Applicants are highly encouraged to work within the AHA Precision Medicine Platform and Marketplace of tools (http://precision.heart.org), and provide a detailed paragraph in the research plan as to how the work proposed will serve the greater community.

Applicants are to provide proposals that adhere to the above broad objectives while specifically addressing the outlined goals.

Award Amount: $150,000 for 1 year
Indirect Costs: 10%
Application Deadline: Nov 1, 2017
Website:
http://professional.heart.org/professional/ResearchPrograms/InstituteforPrecisionCardiovascularMedicine/UCM_461668_Information-on-the-Institute-for-Precision-Cardiovascular-Medicine.jsp

4. Calder Research Scholar Award in Vitiligo/Pigment Cell Disorders, American Skin Association (ASA)

ASA offers this award to support new discoveries in the basic or translational medical sciences that impact the understanding or treatment of Vitiligo/Pigment Cell Disorders by gifted investigators in the early phases of their careers.

The individual must have a strong career goal within the field of dermatology and be dedicated to the furtherance of knowledge concerning vitiligo/pigment cell disorders. The research must be focused on new discoveries in the basic or translational medical sciences that impact the understanding or treatment of vitiligo/pigment cell disorders

Award Amount: $60,000
Indirect Costs: None
Application Deadline: Oct 1, 2017
Website: http://www.americanskin.org/research/seekers.php

5. DMRF Postdoctoral Research Fellowships, Dystonia Medical Research Foundation (DMRF)   New

The Dystonia Medical Research Foundation (DMRF) is seeking applications for postdoctoral research fellowships to conduct basic research into the causes and mechanisms of dystonia.

Dystonia is a movement disorder characterized by muscle contractions causing abnormal movements and postures. Despite substantial progress made in understanding various aspects of dystonia, there has been limited success in both understanding the causes and basic mechanisms of dystonia. To accelerate development of novel approaches and transformative

research, the DMRF intends to support postdoctoral fellows who will undertake studies to fundamentally change our understanding of brain dysfunction and molecular mechanisms underlying dystonia.

Award Amount: $100,000 paid over 2 years
Indirect Costs: Unspecified
LOI Deadline: Sep 8, 2017
Website: https://www.dystonia-foundation.org/research/for-researchers/funding-opportunities/postdoctoral-rsch-fellowships-

6. Prader-Willi Syndrome Research, Foundation for Prader-Willi Research (FPWR)

The Foundation, a nonprofit organization dedicated to supporting research to advance the understanding and treatment of Prader-Willi syndrome (PWS), announces the availability of funds to support innovative research relevant to PWS. FPWR is particularly interested in supporting projects that will lead to new treatments to alleviate the symptoms associated with PWS.

Priority will be given to the following areas of research, although alternative areas of high scientific merit will also be considered:

- Genotype to phenotype: understanding PWS genetics / how loss of PWS-critical region genes leads to the phenotype
- Neurobiology of hunger / feeding behavior in PWS
- Neurobiology of cognitive deficits, maladaptive behavior and mental illness in PWS
- Clinical care research: evaluation of existing drugs and interventions to improve health and quality of life in PWS
- Therapeutics development for PWS- Genetic therapies; novel pharmaceuticals; drug repurposing for PWS

Award Amount: $100,000-$200,000 for up to 2 years
Indirect Costs: 8%
LOI Deadline: Sep 15, 2017
Website: http://www.fpwr.org/request-for-applications/

7. Improved Biomarkers and Clinical Outcome Measures Program, Michael J. Fox Foundation for Parkinson's Research (MJFF)

MJFF seeks to support research that will develop biomarker tools and clinical outcome measures to assist in target validation for therapeutic development and ultimately inform clinical trial design, execution and interpretation of results. Projects seeking support to develop or optimize imaging, clinical/non-invasive, or biochemical biomarkers are appropriate for this RFA. Particular emphasis will be on projects that explore relationships between physiologic (e.g. corneal confocal microscopy, pilomotor response, etc.) and biochemical biomarkers.

Prospective studies or retrospective studies utilizing existing data in human biofluids are eligible for this initiative. Please note that studies utilizing biosamples available through the collaborative request to access Parkinson's disease-related biospecimens program or the Parkinson's Progression Markers Initiative should not apply for funding through this initiative. Funding requests to support use of biosamples from these resources will be considered by the Foundation on a case by case basis.

Proposals are accepted under the following categories.

1. Imaging Studies
Proposals may aim to achieve the following, though there are no restrictions on application goals.
- Develop novel imaging ligands for disease-modifying or symptomatic targets of interest that would assist in dose selection and efficacy studies
- Validate an imaging end-point that identifies a specific stage of the disease or enables quantitative assessment of pathology/pathophysiology or disease progression

2. Clinical/Non-Invasive Physiological Studies
- MJFF will prioritize projects that explore clinical non-invasive measures with a demonstrated link to underlying PD pathology, accompanied by human biofluid/tissue-based biomarker measurements
- Proposals that include tools or measures that will aid in improved diagnostic ability and/or track disease progression are encouraged to apply

3. Biochemical assays and outcome measures
Proposals may aim to achieve the following, though there are no restrictions on application goals.
- Develop target/pathway-based, biochemical or genetic assays
- Develop new assays or assay platforms to analyze tissues or biofluids
- Refine and validate existing assays
- Proposals focused on mitochondrial biomarkers should be submitted to the Targeted Pathway RFA for Mitochondrial Biomarkers

Award Amount: Unspecified
Indirect Costs: 25%
Preliminary Proposal Deadline: Sep 27, 2017
Website: https://www.michaeljfox.org/research/grant-detail.php?id=29

8. Mitochondrial Biomarkers for Parkinson's Disease, Michael J. Fox Foundation for Parkinson's Research (MJFF)

The Foundation seeks to support one-to-two year grants that will develop new or improved tools to identify mitochondrial biomarkers for Parkinson's disease. The specific goals of this initiative are to facilitate the discovery and development of mitochondrial biomarkers for:

- Assess PD diagnosis, disease progression, and/or patient stratification; and
- Identify mitochondrial readouts that would inform therapeutic efficacy and target engagement, or
- Uncover novel mitochondrial targets relevant to PD.

Our understanding of mitochondrial dysfunction in PD has been largely dependent on pre-clinical models. Our goal is to expand on these discoveries and apply the knowledge gained through these studies to human biospecimens. The purpose of the Mitochondrial Biomarkers RFA is to seek proposals that focus on human biospecimen-derived data to identify relevant PD biomarkers that would inform disease diagnosis, disease progression, patient stratification, and/or pharmacodynamic readouts.

Award Amount: Up to $200,000 paid over 1-2 years
Indirect Costs: 25%
Preliminary Proposal: Sep 27, 2017
Website: https://www.michaeljfox.org/research/grant-detail.php?id=32&et_cid=925999&et_rid=225026598&et_lid=Mitochondrial+Biomarkers+Linkem_cid