Corporate and Foundation Relations (CFR) can assist you in applying for non-governmental, institutional grant opportunities at the $25,000 level or greater. For all grant opportunities when funders require submitting as a 501c3 organization, we can arrange applying through the University of Massachusetts Foundation. This 501c3 process requires that all the finalized application materials (draft of the narrative is sufficient) be given to our CFR office four business days prior to the Office of Grants and Contracts Administration deadline. Most of the funding opportunities below are offered annually. If time does not permit applying now, we recommend putting them on your proposal schedule for next year. To request addition to or removal from this notice and for general questions, please contact Dot Morua-Fernandes, dot@admin.umass.edu. For additional assistance and referrals, contact Linda Sopp, lsopp@admin.umass.edu. Please share widely. Thank you!

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**Key words covered:** Autism, Birth Defects, Blindness, Diabetes (T1D), Epilepsy, Infant Mortality, Memory & Cognitive Disorders, Malaria, Myelodysplastic Syndromes (MDS), Neuroscience, Pediatric Brain Cancer, Pediatric Brain Tumors, Polio, Stem Cell

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**New York Stem Cell Foundation (NYSCF) - Early Investigator Awards**

**Deadline:** March 17, 2014  
**Amount:** $1.5 million over 5 years

1) **Stem Cell Research**

NYSCF is soliciting applications from early career investigators for Innovator awards to be used for exploring the basic biology and translational potential of stem cells. The goal of this initiative is to foster bold and innovative science with the potential to transform the field of stem cell research, and advance understanding and use of stem cells in the development of treatments for human disease. In addition to providing funding, NYSCF partners with investigators to advance and translate their research.

2) **Neuroscience Research**

NYSCF is soliciting applications from early career investigators for Innovator awards in neuroscience. The goal of this initiative is to foster truly bold, innovative science with the potential to transform the field of neuroscience research. Applicants are encouraged to submit proposals in the fundamental areas of developmental, cellular, cognitive and behavioral neuroscience, broadly interpreted. Proposals need not be related to stem cells.

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**The Sontag Foundation – Early Investigator for Distinguished Scientists**

**Deadline:** March 20, 2014  
**Amount:** Up to $600,000 over 4 years ($150,000 a year)

Looking for early career scientists whose proposed research demonstrates potential to generate new knowledge relating to causes, cure or treatment of primary brain tumors/brain cancer.

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**James S. McDonnell Foundation (JSMF) – Scholar Awards in Studying Complex Systems**

**Deadline:** March 12, 2014  
**Amount:** Up to $450,000 over 3 years ($150,000 per year)

The Scholar Awards the program’s emphasis is furthering the science of complex systems via the continued development of the theory and tools used in the study of complex research questions and not on particular fields of research per se. JSMF is particularly interested in projects attempting to apply complex systems approaches to coherently articulated questions.

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**March of Dimes – Research Grants**

**Deadline:** April 30, 2014  
**Amount:** $300,000 over 3 years

MOD invites all qualified scientists with faculty appointments or the equivalent, at universities, hospitals and research institutions (not for profit or profit), to submit applications for research grants relevant to our mission. This encompasses basic biological processes governing differentiation and development, genetics and genomics of these processes, clinical studies, reproductive health and environmental toxicology, and social and behavioral studies concerning cognitive and behavioral risks that affect outcomes of pregnancy, the perinatal period, and subsequent child development.

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**JDRF – Requests for Applications (RFA)**

1) **Research on modifications of pancreatic beta cell proteins**

**Deadline:** March 24, 2014  
**Amount:** Up to $250,000
Applications are sought in the research areas of validating conserved PTMs or other beta cell protein modifications as early biomarkers of pathogenesis of human T1D with the overall goal of staging risk and predicting T1D onset, novel preventive or therapeutic approaches targeting beta cell protein modifications and elucidating whether human T1D arises from the immune-mediated targeting of beta cell protein modifications.

2) Research on potential mechanisms of persistence of c-peptide in established TID
Deadline: April 11, 2014
Amount: Up to $150,000 for 1-2 years
Expressions of interest must include information about the cohort (age of onset, time from diagnosis, measured C-peptide), the comparison population, the hypothesis, assays used, sample availability or feasibility for collection during proposed funding period, and a brief description of the design. Proposed studies should utilize existing cohorts of T1D patients at least 5 years from diagnosis, with baseline measurements of C-peptide that can be assessed to determine C-peptide levels. Established assays to measure immune, beta cell, and metabolic status in blood, serum, or urine should be utilized. Feasibility and cost must be taken into account. Proposals may leverage or extend current studies.

Saving Lives at Birth – A Grand Challenge for Development
Deadline: March 27, 2014
Amount: $250,000 over 2 years
We seek groundbreaking prevention and treatment approaches for pregnant women and newborns in poor, hard-to-reach communities around the time of delivery. This is the period when the majority of maternal and newborn deaths occur and the population that has been the most difficult to reach. We seek innovative ideas that can leapfrog conventional approaches in three main domains: (1) technology; (2) service delivery; and (3) “demand side” innovation that empowers pregnant women and their families to practice healthy behaviors and be aware of and access health care during pregnancy, childbirth and the early postnatal period, especially the first two days after birth.

Multiple Myeloma Research Foundation – Senior Research Awards
Deadline: March 18, 2014
Amount: Up to $200,000 for 2 years
The Multiple Myeloma Research Foundation (MMRF) supports investigators with more than five years of experience in blood cancer research. The goal of this initiative is to accelerate the development of therapeutic approaches for myeloma and may include proposals in basic science, validation, or translation research.

Epilepsy Therapy Project – Shark Tank Competition
Deadline: March 14, 2014
Amount: Up to $200,000
The Epilepsy Therapy Project, an initiative of the Epilepsy Foundation, is inviting entries that represent the most innovative new ideas in epilepsy treatment and care for its third annual Shark Tank Competition. The winner(s) of the 2014 Shark Tank Competition will receive international recognition and compete for awards to support the development and commercialization of an important new product, technology or therapeutic concept to help people with epilepsy.

Taub Foundation – Grants Program for MDS Research
Deadline: March 25, 2014
Amount: $200,000 per year for 3 years
The foundation was created to support high-impact, innovative translational research to understand the underlying causes of MDS and to advance its treatment and prevention. The Program specifically focuses on MDS research, exclusive of AML and MPN. Studies focusing on molecular genetics, epigenetics, splicing factors, stem cells, the microenvironment and novel therapeutic targets relevant to MDS are encouraged.

Charles H. Hood Foundation – Early Investigator Child Health Research
Deadline: Noon, April 8, 2014
Amount: Up to five $150,000 awards at $75,000 per year
The Charles H. Hood Foundation was incorporated in 1942 to improve the health and quality of life for children throughout New England. Today’s research projects encompass many disciplines that have contributed to discoveries in pediatric medicine while launching the careers of promising junior faculty. The intent of the Award is to support newly independent faculty, provide the opportunity to demonstrate creativity, and assist in the transition to other sources of child health research funding.

Global Polio Eradication Initiative – Call for Research Proposals
Deadline: April 14, 2014
Amount: $100,000
The current PRC current priority is to generate data supporting first two objectives of the Polio Eradication & Endgame Strategic Plan 2013 - 2018: (1) Detection and interruption of all poliovirus transmission and (2) Strengthening of immunization systems and withdrawal of oral polio vaccine.

Robert Wood Johnson Foundation – Public Health Law Research
Deadline: April 15, 2014
Amount: Up to $150,000 over 18 months
The goal of this program is to build the evidence for and increase the use of effective regulatory, legal and policy solutions—whether statutes, regulations, case law or other policies—to protect and improve population health and the public health system. This program contributes to the Foundation’s commitment to creating a culture of health in our country by providing the best possible evidence and examples of the impact of legal strategies on health.

**Focused Ultrasound Surgery Foundation** – External Awards Program  
**Deadline:** Rolling deadlines  
**Amount:** $100,000  
The External Awards Program provides funding for investigator-initiated research projects that fall into either of two categories: (1) Preclinical and pilot clinical studies that promise to lead to the development of a reimbursable clinical indication for focused ultrasound within the next five to seven years, or (2) high-risk, early-stage, proof-of-concept projects that are unlikely to receive funding from other sources but that, if successful, could have a profound impact on the advancement of the field of focused ultrasound.

**Alpha-1 Foundation** – Gordon L. Snider Scholar Award  
**Deadline:** March 28, 2014  
**Amount:** $75,000 per year for 3 years  
The objective of this award is to provide additional career development support for outstanding young investigators who have continued to conduct research (basic or clinical) in AATD related lung or liver disease after completion of their postdoctoral fellowship. It is expected that the award will provide an incentive for a career in AATD research.

**March of Dimes** – Basil O’Connor Starter Scholar Research Grant  
**Deadline:** March 15, 2014  
**Amount:** $300,000 over 3 years  
This award is designed to support young scientists just embarking on their independent research careers. The applicants’ research interests should be consonant with those of the March of Dimes’ mission. Relevance is interpreted broadly to include fundamental cell biology (embryogenesis, cell lineage, and differentiation), genetics and genomics, fundamental cellular and clinical pathogenesis of disorders of importance to mothers and infants, biomedical engineering and imaging, and social and behavioral aspects.

**Michael J. Fox Foundation for Parkinson’s Research**  
**Rolling deadline, various grant programs**  
**Amount:** $125,000 for 1 year  
1) **Access Data & Biospecimens** - Access valuable data, biospecimens and tissue resources from several pre-clinical and clinical efforts  
2) **Dyskinesia Challenge 2014** - One-year grants to identify and validate novel dyskinesia targets  
3) **LRRK2 Challenge 2014** - One-year grants to uncover new insight into LRRK2 parkinsonism  
4) **Neurotrophic Factors Challenge 2014** - One-year grants to accelerate development of neurotrophic factor therapies  
5) **Rapid Response Innovation Awards** - One-year grants to jump start new ideas in PD research. An Edmond J. Safra Core Program for PD Research; 15-20 awards yearly  
**Pre-Proposal/LOI Deadline:** March 19, 2014  
**Amount:** $125,000 over 2 years  
6) **Improved Neuromodulation Approaches for Parkinson’s Disease 2014** - Two-year grants to support improvement or development of technologies targeting electrophysiological circuitry relevant to providing symptomatic motor benefit for Parkinson’s disease.  
7) **Biomarkers Across Neurodegenerative Diseases** - Two-year grants to stimulate collaborative analyses across the Alzheimer’s disease (AD) and Parkinson’s disease (PD) research enterprises.

**Medicines for Malaria Venture (MMV)** – Call for proposals  
**LOI Deadline:** Noon, March 14, 2014  
**Amount:** $100,000 for 1 year  
The first stage in the call for proposals is a concise 3 page LOI outlining the project using the guidelines and templates provided on a PDF at the website (link above). Keep in mind MMV is familiar with the key issues of malaria, malaria chemotherapy and the need for antimalarial drugs; please focus on key information and data. Your proposal should restrict itself to details placed in the context of drug discovery. These are the key areas for research for MMV: (a) Compounds addressing the key priorities of the malaria eradication agenda, (b) assays addressing liver stage vivax, (c) asexual liver and blood stages, and (d) resistant strains.

**Autism Speaks** – Suzanne & Bob Wright Trailblazer Award Program  
**Rolling deadline, Request for applications**  
**Amount:** $100,000 for 1 year  
Autism Speaks places a high priority on innovation and has designed the Trailblazer Award to respond quickly to fund highly novel transformative projects. The Trailblazer Award mechanism supports highly novel “out of the box” autism-relevant research that open new avenues to understanding the causes, diagnosis, subtyping, prevention, treatments, and cure of autism.
spectrum disorders. The Trailblazer Award mechanism is designed to fund small investigator-initiated high risk/high impact projects that are potentially transformative, paradigm shifting, and/or will overcome significant roadblocks in autism research within a 12 month period.

**McKnight Foundation** – Memory and Cognitive Disorders Awards  
**Deadline:** March 24, 2014  
**Amount:** $100,000 per year for 3 years  
We are interested in proposals that address memory or cognition under normal and pathological conditions. This includes proposals that address mechanisms of memory or cognition at the synaptic, cellular, or behavioral level in animals, including humans. We are particularly interested in proposals that incorporate fundamentally new approaches, as well as those that involve human experimentation. Collaborative and cross-disciplinary applications are encouraged.

**Childhood Brain Tumor Foundation** – Research Grants  
**Deadline:** March 14, 2014  
**Amount:** Up to $60,000  
There are two different types of grants for research from the foundation: the Pediatric Brain Tumor Grant Award and the Pilocytic Astrocytoma Award which can be related to all grades of astrocytoma.

**Alport Syndrome Foundation** – Research Funding Program  
**Deadline:** March 17, 2014  
**Amount:** Up to $50,000 over 2 years  
The objective of this research funding program is to advance the knowledge of, develop effective treatment protocols for, and discover a cure for Alport Syndrome Foundation. We are seeking proposals for both basic science and clinical research that will enhance understanding of the causes of this genetic disorder to advance the mission of our organizations.

**Jerome Lejeune Foundation**  
**Deadline:** March 16, 2014  
**Amount:** $25,000  
The Jerome Lejeune Foundation is the world’s oldest and largest private funder of research into treatments for intellectual disabilities of genetic origin, especially, but not limited to, Down syndrome. The Foundation’s specific research interest is to discover a means of treating genetic intellectual disabilities in order to improve the memory, speech, and cognition of patients.

**Prevent Blindness America** – Joanne Angle Investigator Award  
**Deadline:** March 31, 2014  
**Amount:** Up to $30,000  
Applications will be accepted in the following priority areas in adult vision, children’s vision, or eye injury: burden/economic aspects of eye disease/vision loss on society, best practices to integrate vision screening/follow up care to system care access and vision program effectiveness/evaluation. All research grants need to promote the core mission of Prevent Blindness – preventing blindness and preserving sight. Basic laboratory science research will not be supported under this program.

**Organization for Autism Research** - Applied Research Competition  
**LOI Deadline:** March 31, 2014  
**Amount:** $30,000, 1 year; 5-12 awards per year  
Seeks applied research proposals in the following areas: (a) The analysis, evaluation, or comparison of current models of assessment, intervention, or systems of service delivery including policy analysis; (b) Applied aspects of educational, behavioral, or social/communicative intervention across the lifespan; (c) Adult issues such as continuing education, employment, residential supports, sexuality instruction, quality-of-life determinants, and “later intervention,” and (d) Issues related to family support, social and community integration, assessment and intervention with challenging behavior, and the use of technology in support of learners with ASD.