Corporate and Foundation Relations (CFR) assists on non-governmental, institutional grant opportunities at the $25,000 level and above. For all grant opportunities requiring a 501c3 submission, we will arrange applying through the University of Massachusetts Foundation. This 501c3 process has strict timelines; please contact our office as early as possible to assure that the funder deadline can be met.

Most funding opportunities below are offered annually. If time does not permit applying now, we encourage you to add them to your proposal schedule for next year. Previous editions of RFP’s and the private foundation limited-submission calendar are available at www.umass.edu/cfr. To request addition to or removal from this notice and for general questions, please contact CFR staff, cfr@admin.umass.edu. For additional assistance and referrals, contact Linda Sopp, Senior Director of Foundation Relations, lsopp@admin.umass.edu. Please share widely. Thank you!

Funding Opportunities Included in this Announcement:

I. Science & Medical
II. Nursing & Public Health
III. Education & Humanities
IV. Fellowships for Graduate Students, Dissertation work, Postdoctoral work and Travel Grants (Individual Fellowships Paid Directly to Students & Faculty)

The “ART OF GRANTSMANNSHIP” - A valuable resource for prospective applicants to private foundations and institutes and associations.

I. Science & Medical

- Burroughs Wellcome Fund- Career Awards at the Scientific Interface
  Deadline: September 1, 2014
  Amount: $500,000/ 5 years
  These awards are intended to foster the early career development of researchers who have transitioned or are transitioning from undergraduate and/or graduate work in the physical/mathematical/computational sciences or engineering into postdoctoral work in the biological sciences, and who are dedicated to pursuing a career in academic research. These awards are open to U.S. and Canadian citizens or permanent residents as well as to U.S. temporary residents.

  Candidates are expected to draw from their training in a scientific field other than biology to propose innovative approaches to answer important questions in the biological sciences. Examples of approaches include, but are not limited to, physical measurement of biological phenomena, computer simulation of complex processes in physiological systems, mathematical modeling of self-organizing behavior, building probabilistic tools for medical diagnosis, developing novel imaging tools or biosensors, developing or applying nanotechnology to manipulate cellular systems, predicting cellular responses to topological clues and mechanical forces, and developing a new conceptual understanding of the complexity of living organisms. Proposals that include experimental validation of theoretical models are particularly encouraged.

- Angelman Syndrome Foundation
  a. Research Grants
  Deadline: October 15, 2014
  Amount: $200,000/ 2 years
  Applications in the preclinical, translational and clinical research areas that investigate all aspects of Angelman syndrome will be considered. Highest priority will be given to pilot projects to test new ideas about pathogenesis and therapeutics of Angelman syndrome. Researchers from all countries are encouraged to apply.
b. Dr. Joseph E. Wagstaff Postdoctoral Research Fellowship  
**Deadline:** October 1, 2014  
**Amount:** $110,000/2 years  
To promote Angelman syndrome-related research in young investigators, support novel or innovative research initiatives, and to further support and encourage existing Angelman-related research projects.

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**Alpha-1 (Antitrypsin Deficiency) Foundation**  
**Deadline:** August 19, 2014  
a. Research Grant  
**Amount:** $200,000/2 years  
To provide funds to encourage the development of new information that contributes to the understanding of the basic biology of AAT expression, and the pathogenesis/management of AAT Deficiency. In addition, consideration will be given to those projects that provide insight into the development of information that may contribute to new therapies for AAT Deficiency.

b. Postdoctoral Research Fellowship Grant  
**Amount:** $100,000/2 years  
To provide support for postdoctoral research fellows who are starting their research careers and are working in the laboratories of established researchers or conducting research with the mentorship of established researchers. In addition, this grant category is intended to provide support for postdoctoral research fellows who intend to pursue a career in AAT research.

c. Pilot and Feasibility Grant  
**Amount:** $40,000  
To provide funds to encourage the development and testing of new hypotheses and/or new methods in research areas relevant to AAT Deficiency. Proposed work must be hypothesis generating or hypothesis testing, reflecting innovative approaches to important questions in AAT research or development of novel methods, and providing sufficient preliminary data to justify the Foundation's support.

d. Bridge Grant  
**Amount:** $25,000  
To provide support for excellent Alpha-1 Antitrypsin (AAT) Deficiency-related research projects that have been submitted to and approved by the National Institutes of Health (NIH), but cannot be supported by the available NIH funds.

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**International Rett Syndrome Foundation**  
**Deadline:** August 15, 2014  
a. Help Accelerate RTT Therapeutics  
**Amount:** $150,000/2 years  
Award promotes the development and testing of therapeutics to treat and reverse Rett syndrome. Awards will be provided for cell-based assay development, early-stage drug discovery and development, early stage medicinal chemistry efforts on high value candidate therapeutics, cell-based screening of candidate therapeutics and follow-on early-stage in vivo testing. Grant applications for exploratory studies towards development of biomarkers or objective clinical outcome measures will also be considered.

b. Mentored Training Fellowships  
**Amount:** $100,000/2 years  
To support scientists in both basic and clinical research in the field of Rett syndrome so that they become successful, independent basic research scientists and clinical investigators. The fellowships are designed to assist individuals to establish careers in fields relevant to Rett syndrome research.
c. **Regular Research Grants**
   **Amount:** $100,000/ 2 years
   Award is for international biomedical research to promote the understanding of MeCP2 in the pathogenesis of the neurobehavioral phenotype of Rett syndrome. Investigator should seek to gain a better understanding of the underlying pathology of the disorder leading to an amelioration of the symptoms and a cure for RTT.

**American Partnership for Eosinophilic Disorders - HOPE Pilot Grants**
**Deadline:** September 26, 2014
**Amount:** $100,000/ 2 years
To allow investigators from a variety of disciplines to initiate new projects relevant to eosinophil-associated diseases (EADs). Successful applications will focus on the development of new ideas which are likely to lead to future external funding.

**Genentech - Independent Research Projects & Clinical Fellowships**
**Deadline:** September 2, 2014
**Amount:** $80,000
   a. **Alzheimer’s**
   Award supports the training of an Alzheimer’s disease clinical fellow. The successful fellowship program should provide expert training in the research methodology, geriatric issues, various aspects of memory disorders as well as the many specialized needs of this patient population. Be sure to check with your Office of Technology Management OTM Licensing Officer to make sure your IP is suitably protected, and review the vendor relationship policy before any correspondence with this corporation.

   b. **Multiple Sclerosis**
   Award support the training of a clinical multiple sclerosis fellow. Ideally, the multiple sclerosis fellowship training program will incorporate an up to date curriculum in areas relating to: patient unmet needs, disease burden, modern clinical research practices and other patient-centered key-learning principals. Be sure to check with your Office of Technology Management OTM Licensing Officer to make sure your IP is suitably protected, and review the vendor relationship policy before any correspondence with this corporation.

**Research Corporation for Science Advancement - Cottrell Scholar Program**
**Deadline:** August 15, 2014
**Amount:** $75,000/ 3 years
Funds early career faculty in the physical sciences and related fields who are committed to excellence in both research and undergraduate teaching at U.S. research universities. The premise is that the right combination of high-caliber research, integrated with modern, interactive educational tools, creates the perfect environment for scientific breakthroughs and outstanding learning outcomes for the next generation of U.S. scientists. **Please Note: Eligible applicants must have started their first tenure-track position anytime in calendar year 2011. Previous positions could render an applicant ineligible. It is advisable to consult with a program director on eligibility issues.**

Another key objective of the program is to build an interdisciplinary community of outstanding teacher-scholars dedicated to becoming leaders in both research and teaching and who, collectively, have the potential to change the way science is taught nationally. To facilitate networking and dissemination of effective practices, Cottrell Scholars are required to attend the annual Cottrell Scholar Conference.

Desired outcomes of the CSA program include:
   a. A culture shift in research universities toward valuing the teacher-scholar model
b. Increased attraction and retention of undergraduates in science
c. Increased number of undergraduates pursuing graduate degrees

American Fibromyalgia Syndrome Association - Research Grants
Deadline: Rolling
Amount: $50,000
The purpose of AFSA's sleep research initiative is to gain a better understanding of the relationship between the neurobiology of sleep in people with FMS and the various symptoms of this condition. In addition to sleep, AFSA strongly encourages investigators to submit proposals that address the "other important priorities" listed on their website.

National Foundation for Cancer Research - Szent-Györgyi Prize for Progress in Cancer Research
Deadline: September 30, 2014
Amount: $25,000
(No self-nomination) To honor an outstanding researcher whose scientific achievements have expanded our understanding of cancer and cancer causation; whose vision has moved cancer research in new directions; and whose discoveries have resulted in notable advances in cancer prevention, diagnosis, or treatment. The prize also promotes public awareness of the importance of basic cancer research and encourages the sustained investment needed to accelerate the translation of these research discoveries into new cancer treatments. Candidates will be reviewed and evaluated based on the following criteria:
a. Seminal discovery or a body of work that has resulted in, or led toward, notable contributions to cancer prevention, diagnosis, or treatment; and
b. The discovery has had a lasting impact on the cancer field with a high direct impact of saving lives.

Doug Flutie, Jr. Foundation for Autism - Research Grants
Deadline: September 30, 2014
Amount: $20,000
For organizations and schools that provide services, education, and advocacy for children with autism spectrum disorder and to organizations that conduct research on the causes and effects of autism.

American Epilepsy Society - Seed Grant Program
Deadline: September 26, 2014
Amount: $20,000
Award fosters collaborative interactions between two or more established investigators to make future grants related to epilepsy more competitive for larger awards, and to fuel multi-investigator projects. These awards are designed to provide seed monies to investigators. Funds are total costs.

II. Nursing & Public Health

Dairy Research Institute - Nutrition Supplemental Support
Deadline: December 31, 2014
Amount: $100,000/ 2 years
Principal investigators with an existing grant, either pending or active, may apply for supplemental support if:
a. The project is evaluating the effects of dairy foods or ingredients on health.
b. The investigators would like to add additional arms/analyses to a study that was not specifically examining dairy on health.

III. Education & Humanities

Boston Foundation - Competitive Grants
Deadline: Rolling Deadline
Amount: $50,000
Seeks to have a profound impact on important areas of community life - including dramatic improvements in education and wellness; safe and vibrant neighborhoods; robust arts and cultural opportunities; and a regional economy that enables everyone to thrive. Typically the Boston Foundation funds programs in Boston and surrounding towns, but they will also fund statewide advocacy or policy research when there is a strong connection with and influence on its Greater Boston policy interests.

Andrew Kukes Foundation for Social Anxiety - Education and Outreach Activities Grants
Deadline: September 30, 2014
Amount: $50,000
For proposals that involve statewide, large regional or national initiatives to further outreach and education on social anxiety. AKFSA is committed to early intervention projects that provide knowledge to empower families. Proposals that focus on technological solutions, such as improving access to treatment, will also rank high on the Foundation’s prioritization for funding.

IV. Fellowships for Graduate Students, Dissertation work, Postdoctoral work and Travel Grants. For assistance with individual fellowships paid directly to students & faculty: students may contact Grant Search for Grad Students; faculty may contact Research Development, http://www.umass.edu/research/primary/staff-contacts-proposal-development-submission.

HHMI and The Gordon & Betty Moore Foundation - Advanced Imaging (Janelia Farm Research Campus)
Deadline: August 15, 2015
Amount: Various
The Advanced Imaging Center (AIC) at HHMI’s Janelia Research Campus is jointly sponsored by the Howard Hughes Medical Institute and the Gordon and Betty Moore Foundation. Our mission is to make cutting-edge, pre-commercial microscopes developed at Janelia available to visiting scientists, maximizing the impact of the latest developments in optical instruments and emerging microscopy technologies.

We encourage applications from scientists who are addressing significant scientific questions that require measurements of cellular/molecular behavior at spatial and/or temporally resolutions that would only be possible for them through access to the AIC.

Under the Program, visiting scientists will spend 1-2 weeks (or longer if there is justified scientific reason) at Janelia to conduct experiments on the scope with the support of the AIC team.