**CFR Private Funding Opportunities**  
November 24, 2014 eNewsletter

**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](http://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 or Jeff Aron, Executive Director for Corporation & Foundation Relations, jaron@umass.edu. Please share widely. Thank you!

Please see [How to Fail at Grant Writing](http://www.umass.edu/cfr), The Chronicle of Higher Education, written by UMass faculty successful at obtaining grants.

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## I. Science & Medical

| 1. **Energy Foundation** – Grants  
Deadline: Rolling  
Amount: $5,000 - $3,000,000  
The Energy Foundation seeks to fund organizations that work to reduce carbon emissions by advancing energy efficiency and renewable energy and by reducing power generation from conventional coal-powered plants. The Foundation is specifically interested in programs that focus on the following areas: policies that yield large-scale purchases of renewable energy, policies that open the electric system to renewable power and associated transmission while supporting resource conservation, policies that yield substantial investments to improve energy efficiency by consumers of electric power and natural gas, policies that remove market and regulatory barriers to renewables, efficiency, and clean distributed generation, resistance to permitting and regulatory approvals for new conventional coal-fired power plants, campaigns to reduce greenhouse gases by directing new utility investments toward clean energy resources, secure stricter performance standards for emissions from new and existing coal plants, including greenhouse gases, and regulatory controls for carbon capture and sequestration systems. |
| 2. **Gruber Foundation** – Neuroscience Prize  
Deadline: December 15, 2014  
Amount: $500,000  
Nominations for the Neuroscience Prize are invited annually and may be submitted by individuals, organizations, and institutions that are active in or have an appreciation for contemporary neuroscience research and study. Individuals from anywhere in the world who have conducted highly distinguished research in the field of the brain, spinal cord, or peripheral nervous system. |
| 3. **Damon Runyon Cancer Research Foundation** – Clinical Investigator Award  
Deadline: February 17, 2015  
Amount: $150,000/year for 3 years ($450,000)  
The Damon Runyon Clinical Investigator Award supports independent young physician-scientists conducting disease-oriented research that demonstrates a high level of innovation and creativity. The goal is to support the best young physician-scientists doing work aimed at improving the practice of cancer medicine. The Clinical Investigator Award responds to three recognized realities: Though there has never been a more pressing need or more promising time for clinical cancer research, fewer young physicians enter this area of investigation every year; the number of institutions committed to training young physicians in the scientific discipline and methodologies of clinical investigation is critically low; and the burden of medical school debt (averaging over $100,000) discourages many physicians from pursuing clinical investigation. |
| 4. **Leukemia and Lymphoma Society** – Transforming CURES Initiative  
Deadline: January 15, 2015  
Amount: $133,333/year for 3 years ($400,000)  
The Leukemia & Lymphoma Society (LLS) is proud to announce the "Transforming CURES Initiative (TCI) - Intercepting Progression to Advanced Myeloid Blood Cancers," a new Request for Proposals (RFP) to identify and develop novel, safe and effective treatment paradigms for patients with hematological malignancies. The near term goal of this program is to advance the scientific and medical understanding of myeloid disease progression from an early stage to frank malignancy. LLS is very pleased that Janssen Pharmaceuticals, Inc., a pharmaceutical company of Johnson & Johnson, will be sponsoring this initiative, in part, along with LLS. |
| 5. **FRAXA Research Foundation** – Program Grants  
Deadline: February 1, 2015  
Amount: $100,000/year for 2 years ($200,000) |
FRAXA invites investigator-initiated research applications for innovative pilot studies aimed at developing and characterizing new therapeutic approaches for the treatment and ultimate cure of fragile X syndrome. These are flexible grants, but we expect that this program will be much more competitive than in the past, since fewer grants will be awarded. Successful applicants will be pursuing advanced translational, preclinical, and clinical research in fragile X.

6. **American Federation for Aging Research**  
   **Deadline:** December 15, 2014  
   a. **Glenn/AFAR Breakthroughs in Gerontology Award**  
      **Amount:** $100,000/year for 2 years ($200,000)  
      The "Breakthroughs in Gerontology (BIG)" initiative provides timely support to a small number of research projects that are building on early discoveries that show translational potential for clinically-relevant strategies, treatments and therapeutics, addressing human aging and health span. The following types of studies using one or more of these models will be considered: Human subjects, Human cells and tissues, Mice or other mammals. Other types of model organisms, including invertebrates and yeast, will not be considered.  
   b. **The New Investigator Awards in Alzheimer's Disease**  
      **Amount:** $50,000/year for 2 years ($100,000)  
      The major goal of this partnership program is to support important research in areas in which more scientific investigation is needed to improve the prevention, diagnosis, and treatment of Alzheimer's disease. The program also serves to encourage junior investigators in the United States and Israel to pursue research and academic careers in the neurosciences, and Alzheimer's disease in particular. Projects in basic and translational research related to Alzheimer's disease (AD) that are clinically relevant, will be considered. For one of the awards, priority may be given to an investigator with a research project that has high translational potential. Examples of promising areas of research include, but are not limited to: Genetic and environmental risk/protective factors, Cellular and molecular pathways, Cardiovascular and cerebrovascular factors, Neuro-inflammation, Neuroimaging and other biomarkers, Cellular, animal and in silico models, Diagnostic and prognostic markers, Exercise, nutrition, and dietary factors, Drug discovery and other therapeutics. In addition, proposals will be accepted that relate to the basic mechanisms of central nervous system (CNS) aging, such as: Learning and memory, the biology and pathobiology of synapses, and Neurogenesis, neural and glial progenitors.

7. **American Heart Association**  
   **Deadline:** January 13, 2014  
   a. **Scientist Development Grant**  
      The objective of this grant is to support highly promising beginning scientists in their progress toward independence by encouraging and adequately funding research projects that can bridge the gap between completion of research training and readiness for successful competition as an independent investigator. Research should broadly relate to cardiovascular function and disease and stroke, or to related clinical, basic science, bioengineering or biotechnology, and public health problems, including multidisciplinary efforts.  
   b. **Mentored Clinical and Population Research Award**  
      The purpose of this grant is to encourage early career investigators who have appropriate and supportive mentoring relationships to engage in high quality introductory and pilot clinical studies that will guide future strategies for reducing cardiovascular disease and stroke while fostering new research in clinical and translational science, and encouraging community- and population-based activities. This grant does not fund basic science or support senior researchers, but encourages mentoring of early career investigators.

8. **American Institute for Cancer Research — AICR Research Grants**  
   **Deadline:** January 26, 2015  
   **Amount:** $75,000/year for 2 years
Research themes include: (1) Address emerging exposure-outcome links relating to diet, nutrition (including body composition) and physical activity to cancer, (2) Improve the characterization of existing exposure-outcome links relating to diet, nutrition (including body composition) and physical activity to cancer, (3) Identify and characterize host factors/susceptibility that might explain variation in cancer risk or progression in response to diet, nutrition (including body composition) or physical activity, (4) Identify and characterize progression and outcome in cancer survivors in relation to diet, nutrition (including body composition) and physical activity, (5) Identify mechanisms that underpin links between diet, nutrition (including body composition), physical activity and cancer.

| 9. | **American Association for Cancer Research** – Career Development Awards for Translational Breast Cancer Research  
**Deadline:** January 20, 2015  
**Amount:** $69,000/year for 2 years ($138,000)  
The Breast Cancer Research Foundation-AACR Career Development Awards for Translational Breast Cancer Research represent a joint effort to promote and support innovative research designed to accelerate the discovery, development, and application of new agents to treat breast cancer and/or for pre-clinical research with direct therapeutic intent. Eligibility is limited to junior faculty who, at the start of the grant term, will have completed their most recent doctoral degree or medical residency within the past 11 years. The research proposed for funding must be translational in nature and must have direct applicability and relevance to breast cancer. |
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| 10. | **AO Foundation** – AO Start-up Grants  
**Deadline:** January 15, 2015  
**Amount:** $62,500/year for 2 years ($125,000)  
Competitive grants will be highly innovative and focused on the AO Foundation’s general area of interest, 'The healing of musculoskeletal tissues', and its investigation of the understanding of normal healing, disturbed healing, implant technology (including bone/implant interface, scaffolds) and IT solutions to enhance clinical techniques. |
| 11. | **Arthritis Research Foundation**  
**Deadline:** January 15, 2015  
**Amount:** $100,000  
**a. Arthritis and Aging Research Grant**  
In a collaborative effort, the Arthritis National Research Foundation (ANRF) and the American Federation for Aging Research (AFAR) are seeking grant applications that focus on studying the underlying mechanisms of the aging process as it relates to arthritis.  
**b. Arthritis Research Grant**  
The Arthritis National Research Foundation (ANRF) is seeking grant applications that focus on studying arthritis and related autoimmune diseases including but not limited to: osteoarthritis, rheumatoid arthritis, juvenile arthritis, lupus, psoriatic arthritis, gout, scleroderma, fibromyalgia, and ankylosing spondylitis. |
| 12. | **The McKnight Foundation** – 2015 McKnight Scholars Award  
**Deadline:** January 7, 2015  
**Amount:** $75,000  
The McKnight Endowment Fund for Neuroscience supports innovative research designed to bring science closer to the day when diseases of the brain can be accurately diagnosed, prevented, and treated. To this end, the McKnight Endowment Fund for Neuroscience invites applications for the 2015 McKnight Scholar Awards. These awards were established to encourage emerging neuroscientists to focus on disorders of learning and memory. Applicants for the McKnight Scholar Awards must demonstrate interest in solving important problems in relevant areas of neuroscience, including the translation of basic research to clinical neuroscience. Awards are given to exceptional young scientists who hold the M.D. and/or Ph.D. degree and who are in the early stages of establishing an independent laboratory and research career. Traditionally, successful candidates have held faculty positions for at least one year. |
   **Deadline:** January 15, 2015  
   **Amount:** $30,000 - $75,000  
   Research grants are available to established scientists of all ages working at accredited institutions in the United States. Applications will be judged on the scientific merit and the innovative aspects of the proposal as well as on the competence of the applicant. Research grants of up to three years will be provided. A renewal grant with a maximum of two years is possible, but it will be awarded on a competitive basis. Research grants will not be awarded to investigators who have already received, or expect to receive, substantial support from other sources, even if it is for an unrelated purpose.

   **Deadline:** January 15, 2014  
   **Amount:** $50,000  
   a. **Research Grants for Early Osteoarthritis Investigation**  
      AOSSM, in partnership with Sanofi Biosurgery, offers a research grant program to fund investigations related to early osteoarthritis (OA) and/or prevention of OA progression. This grant reflects the growing recognition of the importance of osteoarthritis within sports medicine and orthopaedics. The grant will be for support either a clinical research study or a lab/basic science project. Proposed studies need not relate specifically to sports injuries and should also have broad applicability to OA in the general population. Projects involving viscosupplementation will not be considered.  
   b. **AOSSM / Sanofi Biosurgery Osteoarthritis Grant**  
      AOSSM, in partnership with Sanofi Biosurgery, offers a research grant program to fund investigations related to early osteoarthritis (OA) and/or prevention of OA progression. This grant reflects the growing recognition of the importance of osteoarthritis within sports medicine and orthopaedics. The grant will be to support either a clinical research study or a lab/basic science project. Proposed studies need not relate specifically to sports injuries and should also have broad applicability to OA in the general population. Projects involving viscosupplementation will not be considered.

15. **American Gastroenterological Association – AGA-Rome Foundation Functional GI & Motility Disorders Pilot Research Award**  
   **Deadline:** January 16, 2014  
   **Amount:** $50,000  
   The objective of this award is to provide investigators funds to help establish their research careers or support pilot projects that represent new research directions. The intent of the award is to stimulate research in the areas of functional GI and motility disorders by providing time for investigators to obtain new data that can ultimately lead to subsequent grant applications for more substantial funding and duration.

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**II. Nursing & Public Health**

16. **The Build Health Challenge**  
   **Deadline:** January 16, 2015  
   **Amount:** $75,000 - $250,000  
   The BUILD Health Challenge is a national award program designed to support community collaborations that are working to give everyone a fair chance to be healthy. Specifically, the BUILD Health Challenge will give two kinds of awards – planning and implementation awards – to strengthen partnerships among hospitals, nonprofits, local health departments, and other community organizations to improve the health of low-income neighborhoods within cities with populations greater than 150,000. In addition to grants, awardees will have access to a broad range of support services, including technical assistance, coaching and access to networks of population health innovators. The BUILD Health Challenge invites collaborative proposals that will identify, highlight, and advance new models for improving community health and health...
III. Education & Humanities

17. **William T. Grant Foundation** – Research Grant  
   **Deadline:** January 6, 2015  
   **Amount:** $100,000 - $600,000  
   We are focused on youth ages 5 to 25 in the United States. We fund research that increases our understanding of: programs, policies, and practices that reduce inequality in youth outcomes; and the use of research evidence in policy and practice. We seek research that builds stronger theory and empirical evidence in these two areas. We intend for the research we support to inform change. While we do not expect that any one study will create that change, the research should contribute to a body of useful knowledge to improve the lives of young people.

18. **Rauschenberg Foundation** – Art & Environment  
   **Deadline:** December 22, 2014  
   **Amount:** $25,000 - $150,000  
   The goal of the Art + Environment program is to support effective methods for addressing climate change that leverage creativity and broad-based civic engagement. Consistent with our commitment to upholding the legacy of our founder, Robert Rauschenberg, all of RRF’s philanthropy programs operate with a set of core values that embody his work as both an artist and a philanthropist. These values include experimentation, fearlessness, and pushing boundaries. Rauschenberg also sought to learn from other cultures, and to share his own knowledge in exchange for what he learned. The Art + Environment program retains this approach with a particular focus on: Creative problem-solving and solutions orientation – looking at an issue in new ways that actually shift its paradigm; Interdisciplinary collaboration – experience and enthusiasm for working with people who have a variety of expertise, experience, and training, as well as those whose beliefs, values, and norms differ from your own; and risk-taking – an ability to move outside of the status quo; comfort with uncertainty, improvisation, and/or iteration in the context of continuous learning.

19. **Clarence E. Heller Charitable Foundation** – Grants  
   **Deadline:** February 2, 2015  
   **Amount:** $1,500 - $75,000  
   The foundation’s interests include programs making valuable contributions in the following fields: Environment and Health, Music, and Education. Environment and health program priorities include: promoting the long-term good health and viability of communities and regions by supporting programs to prevent harm to human health from toxic substances and other environmental hazards; by encouraging planning and development at the regional level, aimed at integrating economic and social goals with sound environmental policies; and by supporting initiatives for sustainability in agriculture and food systems. Music program priorities include: encouraging the playing, enjoyment and accessibility of symphonic and chamber music by providing scholarship and program assistance at selected community music centers, schools and institutes; and by helping community-based ensembles of demonstrated quality implement artistic initiatives, diversify and increase audiences, and improve fund-raising capacity. Education program priorities include providing environmental and arts education opportunities to children and youth by supporting programs for educators and artists to improve and apply their teaching skills in these subjects; and by supporting efforts to advance environmental and arts education programs.

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.
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<th>Number</th>
<th>Organization &amp; Fellowship</th>
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<td>20.</td>
<td><strong>Society in Science</strong> – Branco Weiss Fellowship</td>
<td>January 15, 2015</td>
<td>$105,000/year for 5 years ($525,000)</td>
<td>The Branco Weiss Fellowship is a unique postdoc program. It awards young researchers around the world with a generous personal research grant, giving them the freedom to work on whatever topic they choose anywhere in the world, for up to five years. This research fellowship is designed to support postdoctoral researchers after their PhD and before their first faculty appointment. Those in current postdoctoral positions are also eligible. Ideally, fellows pursue unconventional projects in new areas of science, engineering and social sciences.</td>
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<td>21.</td>
<td><strong>William T. Grant Foundation</strong> – William T. Grant Distinguished Fellows Grants</td>
<td>January 6, 2015</td>
<td>$175,000</td>
<td>The William T. Grant Foundation’s Distinguished Fellows Program creates bridges between the research, practice, and policy communities. The program is designed to increase the supply of, demand for, and use of high-quality research to improve the lives of youth. During the Fellowship, researchers are immersed in a practice or policy setting, and policymakers and practitioners in a research organization. This immersion helps Fellows to experience firsthand the needs and challenges of their new settings. We expect that these experiences will facilitate the production and use of relevant, high-quality research and create stronger connections across the research, policy, and practice communities.</td>
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<td>22.</td>
<td><strong>American Heart Association</strong> – Postdoctoral Fellowship</td>
<td>January 13, 2014</td>
<td>$45,000/year for 2 years ($90,000)</td>
<td>The objective of this fellowship is to help trainees initiate careers in cardiovascular and stroke research while obtaining significant research results under the supervision of a sponsor or mentor; supports individuals before they are ready for some stage of independent research. Research should broadly relate to cardiovascular function and disease and stroke, or to related clinical, basic science, bioengineering or biotechnology, and public health problems, including multidisciplinary efforts.</td>
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<td>23.</td>
<td><strong>Chemical Heritage Foundation</strong> – Senior Fellowship</td>
<td>January 15, 2015</td>
<td>$60,000</td>
<td>Projects funded in the past range from the history of Arabic alchemy and agricultural improvement to nanotechnology, pharmaceutical industry, and trans fats. Research proposals detailing the importance of CHF’s wide-ranging collections for the proposed project will be considered with particular care.</td>
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<td>24.</td>
<td><strong>Charles A. King Trust</strong> – Postdoctoral Research Fellowship Program</td>
<td>December 16, 2014</td>
<td>$43,000 - $51,000</td>
<td>The Charles A. King Trust was created to “support and promote the investigation of human disease and the alleviation of human suffering through improved treatment.” In keeping with these principles, the King Trust today supports postdoctoral fellows in the basic sciences and clinical/health services research. The Charles A. King Trust Postdoctoral Research Fellowship Program is designed to support postdoctoral scientists in non-profit academic, medical or research institutions in Massachusetts. Each applicant must be working under the supervision of an established scientist who is the designated Mentor.</td>
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