We're here to assist you!

The Office of Corporate and Foundation Relations (CFR) assists UMass faculty and staff with non-governmental, institutional grant opportunities. For more information on the types of assistance we provide, please visit the Services page on our website.

For all grant opportunities requiring a 501(c)3 submission, we will arrange applying through the University of Massachusetts Foundation. This 501(c)3 process has strict timelines; please contact our office as early as possible to assure that the funder’s deadline can be met.

To request an addition to or removal from this notice and for general questions, please contact CFR staff at cfr@admin.umass.edu. For additional assistance and referrals, contact Director Liz Smith, or Director Michael Stein. Please share widely.

I. Engineering, Science & Medical
II. Nursing & Public Health
III. Education, Humanities, and Social & Behavioral Sciences

I. Engineering, Science & Medical

1. Alzheimer's Drug Discovery Foundation (ADDF)
   Biomarker Development
   Deadline (LOI): April 13, 2018
Amount: Up to $300,000 over 1-2 years
Number of Grants/Year: 1-5
Eligibility:
Funding is open to researchers, clinicians, and postdoctoral fellows in the U.S. and worldwide working in:

- Academic medical centers and universities or nonprofits
- Biotechnology companies that demonstrate a clear need for nonprofit funding. Funding is provided through mission-related investments (MRIs) that require return on investment based upon scientific and/or business milestones. Existing companies and new spinouts are both eligible

This RFP seeks to support the development and validation of biomarkers that will enhance the design and performance of clinical trials for Alzheimer’s disease and related dementias. This includes companion biomarkers for specific clinical-stage therapies and biomarkers with broader applicability across trials and therapeutic targets. Priority is given to projects that:

- Validate biomarkers previously identified in samples from well-characterized human subjects
- Focus on biomarkers with a rational biological connection to the disease process and are supported by a reasonable body of preliminary data
- Use validated methods for quantifying and qualifying biomarkers. Developing novel technologies is a lower priority

Drug Discovery
Deadline (LOI): April 13, 2018
Amount: Up to $600,000 over 1 year
Number of Grants/Year: Up to 20
Eligibility:
Funding is open to researchers, clinicians, and postdoctoral fellows in the U.S. and worldwide working in:

- Academic medical centers and universities or nonprofits
- Biotechnology companies that demonstrate a clear need for nonprofit funding. Funding is provided through mission-related investments (MRIs) that require return on investment based upon scientific and/or business milestones.Existing companies and new spinouts are both eligible

The ADDF’s Drug Discovery RFP focuses on supporting programs that aim to:

- Advance novel lead molecules to the clinical candidate selection stage (defined as compounds suitable for IND-enabling studies)
- Build preclinical evidence in relevant animal models for repurposed/repositioned drugs

Priority is given to repurposed/repositioned drug programs that:

- Evaluated known side effects of the drug and how well they would be tolerated by the intended clinical population
- Identified a supplier that will provide sufficient quantities of the drug or compound to complete the study aims
- Demonstrate plans to develop novel intellectual property around the repurposing/repositioning strategy

Prevention Beyond the Pipeline
Deadline (LOI): April 13, 2018
Amount: Up to $100,000 over 1 year
Number of Grants/Year: 1
Eligibility:
Funding is open to researchers, clinicians, and postdoctoral fellows in the U.S. and worldwide working in:

- Academic medical centers and universities or nonprofits
- Biotechnology companies that demonstrate a clear need for nonprofit funding. Funding is provided through mission-related investments (MRIs) that require return on investment based upon scientific and/or business milestones. Existing companies and new spinouts are both eligible

The ADDF seeks to support comparative effectiveness research, prevention clinical
trials, and epidemiological studies that probe whether the use or choice of drugs alters the risk for dementia or cognitive decline.

**Program to Accelerate Clinical Trials (PACT)**

**Deadline (LOI):** April 13, 2018  
**Amount:** Up to $3,000,000  
**Number of Grants/Year:** 1-3  
**Eligibility:**  
Funding is open to researchers, clinicians, and postdoctoral fellows in the U.S. and worldwide working in:

- Academic medical centers and universities or nonprofits
- Biotechnology companies that demonstrate a clear need for nonprofit funding. Funding is provided through mission-related investments (MRIs) that require return on investment based upon scientific and/or business milestones. Existing companies and new spinouts are both eligible

The goal of the PACT RFP is to increase the number of innovative treatments tested in humans for Alzheimer's disease and related dementias. This program will fund:

- Clinical trials through Phase 2a of novel drug candidates, including small molecules and biologics (antibodies, oligonucleotides, peptides, gene therapies, cell therapies)
- Proof-of-concept biomarker-based trials in patients for repurposed/repositioned drugs
- Regulatory studies for investigational new drug (IND)/clinical trial application (CTA) preclinical packages that are required before testing novel drugs in human subjects

Priority is given to programs with:

- Blood-brain barrier permeability (for CNS-targeted therapies) and dose optimization for the intended route of administration and treatment duration for the drug candidate
- Target engagement and efficacy data in relevant animal model(s) with the drug candidate
- Strong data packages demonstrating selectivity, microsomal stability, aqueous solubility, plasma protein binding, and CYP profiling of drug candidate
- Clinical biomarkers that will directly measure target engagement and can monitor treatment effects in human subjects
- Intellectual property (for novel therapeutic approaches)
- Strong rationale for the proposed clinical population
- Strategies for successful recruitment and retention, with evidence of prior success for recruitment of the proposed population and number (for clinical trial proposals only)

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2. **A Kid's Brain Tumor Cure Pediatric Low Grade Astrocytoma (PLGA) Foundation**

**Brain Tumor Research Grants**  
**Deadline:** Rolling  
**Amount:** Up to $500,000  
**Number of Grants/Year:** Up to 5  
**Eligibility:** All basic science, preclinical and clinical trial initiatives targeting pediatric LGA (grade 1 or 2) are eligible to apply.

Proposals related to basic and translational projects that can advance understanding of the underlying biology of the development and treatment of PLGA tumors will be considered. Investigators in the early years of their careers are encouraged to apply.

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3. **American Diabetes Association (ADA)**

**Innovative Basic Science Award**  
**Deadline:** April 16, 2018  
**Amount:** Up to $345,000 over up to 3 years  
**Number of Grants/Year:** N/A  
**Eligibility:** Early and established investigators, including those who have not previously worked in the field of diabetes, may apply for this award. Applicant must hold a PhD, MD, PharmD, DO or DPM degree or, for other health professionals, the equivalent doctoral-level health- or science-related degree, and possess the necessary skills and experience in the research area of diabetes and/or associated disorders.
Innovative Basic Science Awards support creative and innovative projects that hold significant promise for advancing the prevention, cure or treatment of diabetes. These awards are intended to support proposals that:

- Are high-risk but have potential for high-impact results
- Extend existing knowledge into a new area or application
- Utilize novel technological or cross-disciplinary approaches
- May not be sufficiently developed for traditional funding sources (e.g., NIH R01)

4. David Geffen School of Medicine

The Switzer Prize

**Deadline:** March 30, 2018  
**Amount:** $25,000  
**Number of Grants/Year:** 1

**Eligibility:** Nominations are open to national and international candidates from any institution. Nominations may be made by an individual or institutions, but self-nominations are prohibited.

The Switzer Prize honors revolutionary discoveries in basic research in the biological and biomedical sciences and celebrates recent advances with the potential to inspire transformative breakthroughs in medicine. The prize is awarded to an individual investigator whose recent work has revealed new paradigms, illuminated biological processes or pathways, or explained the origins of pathologies or diseases. The recent work must show the potential for continued outstanding contributions to the field.

5. Elsa U. Pardee Foundation

Research Grants

**Deadline:** April 30, 2018  
**Amount:** No Limit (Average: $150,000 over 1 year)  
**Number of Grants/Year:** 5-10

**Eligibility:** The Elsa U. Pardee Foundation funds research to investigators in United States non-profit institutions proposing research directed toward identifying new treatments or cures for cancer.

The Foundation particularly encourages grant applications for a one year period which will allow establishment of capabilities of new cancer researchers, or new cancer approaches by established cancer researchers. It is anticipated that this early stage funding by the Foundation may lead to subsequent and expanded support using government agency funding. Project relevance to cancer detection, treatment, or cure should be clearly identified. By design, there are no limits set on the grant amount that can be requested.

6. Human Frontier Science Program (HFSP)

Program Research Grants

**Deadline (LOI):** March 19, 2018  
**Amount:** $1,350,000 over 3 years  
**Number of Grants/Year:** 20-25

**Eligibility:** The Principal Applicant of a Research Grant must have a laboratory in a member country. All team members are expected to direct a research group (however small) and must have a doctoral degree (PhD, MD or equivalent). The HFSP award is not intended to create scientific independence, this is a decision of the research institute prior to the application. Team members must be able to determine the course of the HFSP-funded project and have freedom to administer the grant award. The number of team members should normally be 2 - 4 and no more than 4 unless an increase in the number of members is clearly critical for the interdisciplinary nature of the project. However please note that teams of 5 members are rarely successful

The Human Frontier Science Program is a niche program that supports innovative basic research into fundamental biological problems with emphasis placed on novel and interdisciplinary approaches that involve scientific exchanges across national and disciplinary boundaries.
7. Michelson Prize & Grants
The Michelson Grant in Reproductive Biology
Michelson Grants are intended to support research with the potential to develop a product worthy of the Michelson Prize; however, projects may be considered for the Michelson Grants if they do not address all of the Prize criteria if the proposed technology promises a significant improvement over existing approaches.
Deadline (LOI): Rolling
Amount: Up to $250,000
Number of Grants/Year: N/A
Eligibility: The Michelson Prize & Grants is an international program open to any entity, including academic institutions, biotechnology firms, research institutes, and well-qualified individuals or groups.

The Michelson Prize is an incentivized prize challenge that will award $25 million to the first entity to provide Found Animals with a low-cost, permanent, nonsurgical sterilant for male and female cats and dogs. The prize-winning product will have, at a minimum, the following characteristics:

- Single-dose, permanent, nonsurgical sterilant
- Safe and effective in male and female cats and dogs
- Ablates sex steroids and/or their effects
- Suitable for administration in a field setting
- Viable pathway to regulatory approval
- Reasonable manufacturing process and cost

8. Primary Sclerosing Cholangitis (PSC) Partners Seeking a Cure
Research Grants
Deadline: March 25, 2018
Amount: $60,000 over 2 years
Eligibility: The applicant must be at an academic institution with an interest in pursuing PSC as an indication for treatment.

PSC Partners offers grants to conduct research that addresses an important and novel, basic or clinical research question related to PSC and closely associated diseases (such as inflammatory bowel diseases (IBD) and cholangiocarcinoma). The Research Grants Program seeks to encourage investigators to conduct research in promising new areas, with the goal that data generated will lead to federal (NIH) or external international funding.

PSC Partners Seeking a Cure is particularly interested in funding research projects that:

- Foster interdisciplinary collaborations and the sharing of resources as a means of accelerating progress in PSC research
  - If the proposal includes a specific plan for sharing of results (collaborations) and resources (such as DNA), this will result in a more favorable review.
- Have the potential to discover a cure for PSC
- Identify novel therapies that may significantly delay time to liver transplantation, prevent disease recurrence following liver transplantation, and/or improve the quality of life of those with PSC
- Aim to identify the gene-environment interactions contributing to disease initiation and progression
- Explore PSC-related diseases (IBD, UC, and Crohn’s disease) in ways that they impact, enable, or perhaps cause PSC
- Address PSC in children
- Will be complementary to the goals and objectives of the International PSC Study Group, including investigation of the functional roles of genes associated with susceptibility to and severity of PSC
- Address the mechanisms of PSC pathogenesis and colorectal and cholangiocarcinoma carcinogenesis, as well as strategies for prevention

9. Solving Kids’ Cancer (SKC)
Therapeutic Development Initiative (TDI)
The TDI of SKC only supports clinical research. The organization specifically focuses on novel clinical studies for neuroblastoma, brain tumors and sarcomas. Studies in which additional pediatric cancer types are included in the study protocol may be funded.
Deadline: Rolling
Amount: Up to $600,000 for up to 2 years  
Number of Grants/Year: 2  
Eligibility: SKC welcomes applications from researchers within or outside the United States.

- Prior work in cancer research is not a prerequisite for applying  
- Research fellows applying for funding must identify a full-time institution faculty member with whom they are affiliated. Research fellows whose project is ultimately approved and funded will be expected to complete the proposed project  
- Companies interested in support for clinical efforts in pediatrics are welcome to apply.

The TDI’s goal is to support innovative clinical studies that are high on the risk/reward spectrum while, at the same time, investigating these research questions efficiently and effectively. Priority is given to proposals that introduce therapeutic agents and modalities, which are first in children and have a strong potential to improve treatment outcomes.

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II. Nursing & Public Health

10. Charles H. Hood Foundation  
Child Health Research Awards Program  
Deadline: March 22, 2018  
Amount: $165,000 over 2 years  
Number of Grants/Year: 5  
Eligibility: United States citizenship or residency is not required. All applicants must have completed their training at the time of application and be within five years (for PhD scientists) and seven years (for physician-scientists) of employment following conclusion of training. All applicants must have a doctoral degree, lead independent research programs, hold a faculty appointment at a nonprofit academic, medical or research institution in the six New England states (Maine, Vermont, New Hampshire, Massachusetts, Rhode Island, and Connecticut) and be working in that institution by the application deadline.

The intent of the Child Health Research Awards Program is to support newly independent faculty, provide the opportunity to demonstrate creativity, and assist in the transition to other sources of research funding. Grants support hypothesis-driven clinical, basic science, public health, health services research, and epidemiology projects focused on child health.

11. The Josiah Macy Jr. Foundation  
Board Grants  
Deadline (LOI): Rolling  
Amount: Up to $500,000 over up to 3 years  
Number of Grants/Year: 7-12  
Eligibility: Grants are made only to tax-exempt institutions or agencies - no grants are made directly to individuals. The Foundation does not consider requests for general undesignated support, endowments, equipment, construction or renovation projects, capital campaigns and activities conducted outside the United States and its territories.

The Foundation’s grantmaking is focused on projects that:

- Demonstrate or encourage interprofessional education and teamwork among health care professionals  
- Provide new curriculum content for health professional education, including patient safety, quality improvement, systems performance and professionalism  
- Develop new models for clinical education, including graduate medical education reform  
- Improve education for the care of underserved populations, with an emphasis on primary care  
- Increase faculty skills in health professions education with a special emphasis on the career development of underrepresented minorities.

President’s Grants  
Deadline: Rolling  
Amount: Up to $35,000 over 1 year  
Number of Grants/Year: Up to 20
Eligibility: Grants are made only to tax-exempt institutions or agencies - no grants are made directly to individuals. The Foundation does not consider requests for general undesignated support, endowments, equipment, construction or renovation projects, capital campaigns and activities conducted outside the United States and its territories.

President's Grants are awarded to foster innovation in health professional education and to align the education of health professionals with contemporary health needs and a changing health care system.

12. Masimo Foundation
Ethics, Innovation, and Competition in Healthcare Grants
Deadline (LOI): Rolling
Amount: $25,000
Number of Grants/Year: N/A
Eligibility: The Masimo Foundation will consider grant requests that advance its mission and are from:

- A nonprofit fund, foundation, or corporation which is organized and operated exclusively for charitable purposes and which is recognized as a public charity exempt from tax under Internal Revenue Code Section 501(c)(3)
- An international charity with a U.S. Certificate of Equivalency, or an international charity with an agreement to allow the Foundation to exercise expenditure responsibility as defined by Internal Revenue Code

The Masimo Foundation focuses on grants that advance its mission to improve patient safety and outcomes, promote efficient and cost-effective healthcare delivery, and provide advanced healthcare to people worldwide who may not otherwise have access to lifesaving technologies. Particular emphasis is placed on funding opportunities within the following categories:

- Ensuring Fair and Unbiased Competition in the Healthcare Industry - Including but not limited to grants for research, programs, and initiatives that seek to:
  - Expose misaligned incentives, inefficiencies, and inequities that undermine access and cost-effectiveness of healthcare
  - Explore ways to achieve better healthcare at a lower cost through healthy and robust market competition
- Elevating the Importance of Ethics in the Delivery of Healthcare - Including but not limited to grants designed to:
  - Promote ethical conduct across healthcare delivery systems in order to consistently put the needs of patients before individual, institutional, or corporate interests
- Fostering Innovation and Discovery - Including but not limited to grants for research that seeks to:
  - Transform the practice of medicine through breakthrough innovations that treat diseases, solve important unmet needs, and save lives
  - Improve patient safety and enhance the quality of care through technological advancements, innovative approaches, and new protocols

13. Organization for Autism Research (OAR)
Applied Research Competition
Deadline (LOI): March 26, 2018
Amount: Up to $30,000 over 2 years
Number of Grants/Year: 8
Eligibility: International researchers of all levels are eligible to apply.

Through this competition, OAR intends to promote evidence-based practices delivered from research in the following areas:

- The analysis, evaluation, or comparison of current models of assessment, intervention, or systems of service delivery, including policy analysis
- Applied aspects of educational, behavioral, or social/communicative intervention
- Effective intervention across the lifespan for individuals considered to be severely impacted by autism
- Adult issues such as continuing education, employment, residential supports, sexuality instruction, quality-of-life determinants, and "later intervention"
- 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 Autism Spectrum Disorder (ASD)

OAR seeks to fund studies that expand the body of knowledge related to autism intervention and treatment, produce practical and clearly objective results, have the potential to impact public policy, and provide outcomes that offer to enhance quality of life for persons with autism and their families. While applicants are always free to submit on any relevant area of research or intervention, this year, OAR is placing an emphasis on research that addresses the following targeted areas: healthcare transition, generalization of technology-based intervention, community-based intervention, residential services and supports, literacy, and sexuality education. While there is no guarantee of funding, studies that address these topics will receive additional scoring credit during the review process.

III. Education, Humanities, and Social & Behavioral Sciences

   Pilot Research Award for Learning Disabilities
   Deadline: March 30, 2018
   Amount: $15,000
   Number of Grants/Year: 1
   Eligibility:
   - Candidates must be board eligible/certified in child and adolescent psychiatry, or enrolled in a child psychiatry residency or fellowship program
   - Candidates must have a faculty appointment in an accredited medical school or be in a fully accredited child and adolescent psychiatry clinical research or training program
   - At the time of application, candidates may not have more than two years' experience following graduation from residency/fellowship training
   - Candidates must not have any previous significant, individual research funding in the field of child and adolescent mental health. These include the following: NIMH/NIH Funding (Small Grants, R-01) or similar foundation or industry research funding. Candidates who have received or are currently receiving "T32" funding support are eligible to apply
   - Candidates must either be AACAP members or have a membership application pending (not paid by the award) and agree to submit a poster presentation on his or her research for AACAP’s 66th Annual Meeting in Chicago, Illinois, October 14-19, 2019

For child and adolescent psychiatry residents and junior faculty who have an interest in beginning a career in child and adolescent mental health research

15. American Psychiatric Association (APA)
   Kempf Fund Award for Research Development in Psychobiological Psychiatry
   Deadline: August 15, 2018
   Amount:
   - $1,500 to the senior researcher awardee
   - $20,000 to the awardee’s protégé
   Number of Grants/Year: 1
   Eligibility:
   The senior researcher and young research psychiatrist must be:
   - Psychiatrists
   - Citizens or Permanent Residents of the U.S. or Canada

The award recognizes a senior researcher who has made a significant contribution to research on the causes and treatment of schizophrenia as both a researcher and a mentor. An award is also made to support the career development of a young research psychiatrist working in a mentor-trainee relationship with the award winner.

16. Craig H. Neilsen Foundation
   Psychosocial Research (PSR) Pilot Grants
   Deadline (LOI): March 23, 2018
Amount: $200,000 over up to 2 years  
Number of Grants/Year: N/A  
Eligibility:

- Applicants must have a doctoral degree or an equivalent terminal professional degree (e.g., PhD, MD, DVM). Non-fellowship applicants must demonstrate appropriate experience to serve as an independent Principal Investigator (PI). The Neilsen Foundation encourages submissions from eligible PIs who represent a wide range of disciplines; however, it is required that relevant SCI expertise is represented on the proposed research project team.
- The grantee must be a nonprofit academic/research institution or rehabilitation facility located in the United States or Canada with a demonstrated capability to conduct grant-funded research.
- The PI is not required to be a citizen of the United States or Canada; however, the PI must be employed by an eligible grantee institution. Each application must include the appropriate endorsement of an institutional official who is responsible for the administration of grant funds (hereafter known as the “Grants Administrator”).

This funding category is intended to support Pilot studies that lay essential groundwork to inform future research, allow the PI to test the feasibility of novel methods and procedures and/or collect new data that can lead to or enhance larger-scale trials. Proposed Pilot projects should indicate how they will establish a new investigational program or take on "risk" balanced by high potential impact.

17. Environmental Research and Education Foundation (EREF)  
Research Grants  
Deadline: June 1, 2018  
Amount: Up to $500,000 over 2 years  
Number of Grants/Year: N/A  
Eligibility:

- Any U.S. or non-U.S. institutions are eligible to apply.
- Proposals will be accepted from non-academic institutions provided the principal investigators are qualified to conduct the research.
- Submissions may include multiple institutions.
- Principal investigators (PI) must be qualified to do the work proposed and should be experts in the subject matter referenced in the pre-proposal/proposal.

Typically this would include full-time faculty at academic institutions, post-doctoral employees, and principals or senior personnel at non-academic institutions. Graduate students are not eligible to be principal investigators.

Pre-proposal topics must relate to sustainable solid waste management practices and pertain to the following topic areas:

1. Waste minimization
2. Recycling
3. Waste conversion to energy, biofuels, chemicals or other useful products. This includes, but is not limited to, the following technologies:
   - Waste-to-energy
   - Anaerobic digestion
   - Composting
   - Other thermal or biological conversion technologies
4. Strategies to promote diversion to higher and better uses (e.g. organics diversion, market analysis, optimized material management, logistics, etc.)
5. Landfilling

18. Fahs-Beck Fund for Research and Experimentation  
Faculty Research Grant Program  
Deadline: April 1, 2018  
Amount: Up to $20,000  
Number of Grant/Year: N/A  
Eligibility: Faculty members of accredited colleges or universities or individuals affiliated with accredited non-profit human service organizations in the United States or Canada are eligible to apply. The applicant organization must agree to accept administrative responsibility for the project and submit required financial forms and reports to the Fund. The principal investigator (PI) must have an earned doctorate in a relevant discipline and relevant experience. The PI must be in full control of the research and be the principal
Grants are available to help support the research of faculty members or post-doctoral researchers affiliated with non-profit human service organizations in the United States and Canada.

Areas of interest to the Fund are:

- Studies to develop, refine, evaluate, or disseminate innovative interventions designed to prevent or ameliorate major social, psychological, behavioral or public health problems affecting children, adults, couples, families, or communities
- Studies that have the potential for adding significantly to knowledge about such problems

The research for which funding is requested must focus on the United States and/or Canada or on a comparison between the United States and/or Canada and one or more other countries.

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**Request Support from CFR!**

The CFR Support Request Form is organized to reflect the order and type of information that most foundations look for in their grant applications. It can help you better frame your ideas and create a more consistent structure for your letter of intent (LOI) or funding request. Follow the link and get started today!

**Tips for Grant Writing!**

Please read "100 Words That Kill Your Proposal," by Bob Lohfeld. This article will help you avoid some of the most common mistakes that weaken a proposal.

Look at "Why Academics Have a Hard Time Writing Good Grant Proposals" to better understand the contrast between traditional academic writing and grant proposals.

Also check out "How to Fail at Grant Writing," an article in The Chronicle of Higher Education, written by UMass faculty successful at obtaining grants.

For more help, and a step-by-step walk through, read Texas Instruments' "Successful Grant Writing Strategies."

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Forward this email