Please note that a faculty member’s research administrator will serve as the liaison on all aspects of the internal application process. If you are unsure of whom to talk to, your department contact can be found at the following link. If you pursue any grant opportunity featured in this report, please contact your research administrator first to formulate a submission plan and timeline.

The UMHS Corporate and Foundation Relations team can assist in this process, including providing direct communication with the funding entity to obtain guidance on project appeal/applicability to the funder, provide examples of previously funded UM proposals, and answer general faculty questions.

Internal Funding Opportunity

Grantor: University of Michigan Coulter Program
Grant Opportunity: Research Grants
Keyword: Research; Surgery
Award Amount: $100,000
Deadline: February 2, 2018

RFP Report November 20-22, 2017
Coulter Translational Research Partnership Program

https://umichcoulter.infoready4.com/

The U-M Coulter Program brings biomedical innovations into healthcare through a commercial entity.

The program funds up to 5-8 projects per year for an average of $100,000 each. Departmental cost-sharing is not required. Each project must involve a collaboration between U-M faculty from any College of Engineering department and from a clinical department. Each project aims to generate a new medical device, surgical tool, diagnostic assay, or other biomedical tool. Project teams are mentored by a team of experienced industry experts to guide projects to the point of licensing the intellectual property into a start-up company that goes on to raise funding from Angels or Venture Capitalists, or licensing the intellectual property to an existing revenue-generating company.

The program is funded by the proceeds of an endowment from the Wallace H. Coulter Foundation, with a match from the U-M Medical School and U-M College of Engineering.

Applicants are encouraged to discuss their proposal with the Coulter Program Director Thomas Marten (tmarten@umich.edu; (734) 647-1680) prior to submission to explore the project's commercial potential and fit for Coulter funding.

February 2, 2018 – Applications Due

Grantors: Glenn Foundation for Medical Research and the American Federation for Aging Research

Grant Opportunity: Research Grants

Keyword: Basic Science; Geriatrics; Research Grant

Award Amount: $300,000

Deadline: January 22, 2018

Glenn Foundation for Medical Research Breakthroughs in Gerontology Award

https://www.afar.org/research/funding/big/

The Program: Sponsored by the Glenn Foundation for Medical Research, in collaboration with the American Federation for Aging Research (AFAR), the "Breakthroughs in Gerontology (BIG)" initiative provides timely support to a small number of research projects that are relatively high risk but which offer significant promise of yielding transforming discoveries in the fundamental biology of aging. Projects which build on early discoveries that show
translational potential for clinically-relevant strategies, treatments and therapeutics, addressing human aging and health span are also considered.

Projects that focus on specific diseases or on assessment of health care strategies will receive lower priority, unless the research plan makes clear and direct connections to fundamental issues in the biology of aging and/or on the translational aspects of basic discovery to human aging and healthspan.

Two three-year awards will be made in 2018, at the level of $300,000 total ($100,000 per year), of which a maximum of 8% may be used for indirect expenses or institutional overhead.

The deadline of receipt of the Letters of Intent (LOI) is January 22, 2018 at 5:00 p.m. EST.

Grantor: amfAR, The Foundation for AIDS Research

Grant Opportunity: Research Grants

Keyword: Basic Science; Chronic Diseases; HIV/AIDS; Infectious Disease; Research Grant

Award Amount: $300,000

Deadline: April 11, 2018

amfAR, The Foundation for AIDS Research Request for Proposals Impact Grants: Gaining Insights from the Clinic

http://www.amfar.org/Impact-Grants-RFP/

Goal: The goal of this RFP is to generate practical, implementable information that will facilitate the design and interpretation of broadly generalizable HIV cure clinical research.

Specific areas of interest

1. Identify pre-ATI predictors of post-treatment control (PTC) or delay to rebound

2. Diversify the HIV cure clinical study population

Funding Opportunities

1.1: Meta-analysis of data from completed clinical trials (1 year; Total Costs: $100,000)

1.2: Addition of study arm to an existing clinical trial (4 years; Total Costs: $300,000)

1.3: Addition of reservoir and outcome (PTC or delay to rebound) analyses to an existing clinical trial (4 years; Total Costs: $100,000)

2.1: Addition of a recruitment and retention intervention to an existing clinical trial (4 years; Total Costs: $50,000)
2.2: Characterization of clinical case studies (1 year; Total Costs: $75,000)

2.3: Characterization of the reservoir in LMIC settings (2 years; Total Costs: $50,000)

Registration Deadline: Friday, April 6, 2018 12:00 PM Eastern Time

Registration is REQUIRED

LOI Submission Deadline: Wednesday, April 11, 2018 3:00 PM Eastern Time

Grantor: Bay Area Lyme Foundation

Grant Opportunity: Research Grants

Keyword: Chronic Diseases; Research Grant

Award Amount: $250,000

Deadline: February 15, 2018

Bay Area Lyme Foundation Emerging Leader Awards

http://www.bayarealyme.org/our-research/emerging-leader-award/

The Bay Area Lyme Foundation Emerging Leader Awards (ELA) recognize both established and up-and-coming researchers bringing new approaches and creative thinking to the field of Lyme disease. These grants support new and innovative projects and aim to attract aspiring new scientific talent to the field of Lyme. Candidate applications must include a viable proposal for a proof-of-concept project to be funded, in part or in sum, by the grant award.

$250,000 ELA Grant: Our $250,000 ELA grant targets veteran scientific talent with the title of associate professor or above who have not previously worked in Lyme disease research. Applicants must be at a US academic institution or corporate equivalent and propose to apply their work in other fields to therapeutics or diagnostics in Lyme disease. Research efforts funded by this award are required to generate initial proof of concept within 18–24 months.

$100,000 ELA Grant: The $100,000 ELA grant is offered to researchers in academia or the private sector who are currently at the post-doctoral level through the assistant professor level, or equivalent. Applicants must have identified a defined approach to improving diagnostics or therapies for Lyme disease. Important criteria include demonstrated professional and scientific leadership in the biomedical sciences and a strong supporting scientific rationale for the project. Research efforts funded by this award are required to generate initial proof of concept within 12–18 months. In 2018, we anticipate granting two of these $100,000 awards.

Candidates should complete the application and send it to award@bayarealyme.org by February 15, 2018.
Grantors: Irene Diamond Fund/American Federation for Aging Research
Grant Opportunity: Post-Doctoral Fellowship
Keyword: Career Development; Geriatric; Post-Doctoral Fellowship
Award Amount: $120,000+
Deadline: January 22, 2018

Irene Diamond Fund/American Federation for Aging Research Postdoctoral Transition Awards in Aging

https://www.afar.org/research/funding/diamond-postdoc/

The program, focused on the development of translational aging research, provides up to seven two-year fellowships of $120,000. It is meant to provide portable and flexible transitional funding for senior postdoctoral fellows as they develop and negotiate for junior faculty appointments and independent research programs. A supplemental award of up to $30,000 may be available if the candidate successfully transitions to an independent junior faculty position within two years of completing the Diamond/AFAR Fellowship.

The Program: Irene Diamond Fund/AFAR Postdoctoral Transition Awards in Aging distinguishes itself from other postdoctoral fellowship programs by providing full-time research training and flexible and portable grant support to senior postdoctoral fellows – those with at least 3 and not more than 6 years of prior postdoctoral training – providing leverage to negotiate for junior faculty appointments and independent research programs either at their own or other institutions. The purpose of this program is to facilitate the development of junior faculty members who have training and expertise in translational aging research as described below.

Translational research, in the broadest sense, is defined here as a systematic effort to convert basic research knowledge into practical applications to improve human health and well-being. This program will prioritize Type 1 translational aging research, i.e. research focused on basic aging discoveries that have a clearly articulated pathway towards clinical relevance to the health and well-being of older adults. These may include proof of concept studies or small scale studies related to new diagnostic, treatment or preventive modalities related to aging-relevant biology. Type 2 translational research, such as projects that are strictly clinical in nature, are not eligible. Studies should use one or more of the following models:

Human subjects
Human cells and tissues
Mice or other mammals.
Programs using other types of models (i.e. yeast, invertebrates, etc.) will only be considered when there is a compelling justification that these studies may be directly relevant to human health and aging.

The deadline for receipt of all Letters of Intent (LOI) is January 22, 2018 at 5 pm ET.

Grantor: Egg Industry Center
Grant Opportunity: Research Grants
Keyword: Public Health; Research Grant
Award Amount: $119,000 (?)
Deadline: December 22, 2017

Egg Research Funding Opportunity: 2017 Research Request for Pre-proposals


The scientific needs for the egg industry are growing on many fronts. Innovations to help the industry through the transition to cage-free living environments remain important. Also needed is research that addresses challenges with labor, food safety, disease and other aspects of egg production as highlighted on the EIC research priorities list.

The Egg Industry Center’s 2017 Request for Proposal (RFP) is focusing on research that can add to the current body of knowledge in all of these various areas.

Specific areas of interest include:
1) Comparative investigation of health, welfare, environment impact, egg safety and economics in various production systems (CC, ECH, cage-free, free-range) or styles of cage-free housing systems
2) Impact of management practices on well-being and production traits of cage-free hens (e.g., pecking behavior, injuries, mortality, floor eggs)
3) Prevention of diseases and parasites in cage-free housing systems
4) False layer syndrome
5) Robotic application for modern egg production
6) Innovative HPAI-related research

The deadline for pre-proposals is December 22, 2017.
Grantor: Foundation for Prader-Willi Research
Grant Opportunity: Research Grants
Keyword: Basic Science; Chronic Diseases; Drug Discovery & Development; Genetic Disorders; Rare or Orphan Diseases; Research Grants
Award Amount: $100,000
Deadline: March 1, 2018; September 14, 2018

Request for Applications: Foundation for Prader-Willi Research

https://www.fpwr.org/grant-program

The Foundation for Prader-Willi Research (FPWR), 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

Funds Available: Applicants may request up to $100,000 USD in direct costs for the initial year of support, with the possibility of a second year of funding upon competitive renewal. Indirect costs of up to 8% are allowed.

Grant Application Deadlines
FPWR is proud to offer two grant cycles a year!

2018 Dates (Tentative)
Spring 2017: Letters of Intent due March 1st, 2018
Fall 2017: Letters of Intent due September 14th, 2018
Grantor: American SIDS Institute
Grant Opportunity: Research Grants
Keyword: Basic Science; Cardiovascular; Pediatrics & Child Health; Pulmonary and Respiratory; Research Grant; Sleep Research
Award Amount: $70,000
Deadline: January 12, 2018

American SIDS Institute Request for Letter of Intent

http://sids.org/research-grants-available-2/

The American SIDS Institute (ASI) invites qualified investigators to submit a Letter of Intent (LOI) for a research grant related to sudden unexpected infant death (SUID).

Topics of interest include, but are not limited to, pathology, physiology, neonatology, cardiology and epidemiology. The intent of this funding opportunity is to support innovative research leading to subsequent extramural grant funding regarding SUID or related causes of sudden unexpected death.

The highest priority will be given to investigators who have had a full-time faculty or equivalent professional appointment for <5 years.

Priority will be given to research proposals related to one of the top ten research priorities identified by the Global Action and Prioritization of Sudden Infant Death (GAPS) Project. These include:

1. Mechanisms leading to death and how they interact with environmental risk factors.
2. The role of genetic factors in SUID.
3. Social and cultural factors affecting parental choices in sleep practices and responses to risk reduction campaigns.
4. Role of abnormal or immature brain anatomy and physiology.
5. Systematic collection and sharing of death scene data from SUID and non-SUID deaths to allow better case control studies.
6. How infants control oxygen desaturation and arousal to allow a better understanding of SUID mechanisms.
7. Mechanisms for SUID at different ages.
8. Developing and evaluating new ways to make safe sleep campaigns more effective.
9. Identifying specific biomarkers to differentiate between natural causes, accidental asphyxia, and SIDS.

10. Better understanding of the risks of sharing any sleep surface with an infant, notably how it interacts with other factors, including feeding practices, to make it more or less risky.

Proposals related to the study of sudden unexpected intrauterine death, sudden death in children, or sudden death in epilepsy may also be responsive. However, applicants will need to clearly explain how their proposal will advance the understanding of SUID. Although priority will be given to human studies, animal studies may be responsive if justified based on an animal model relevant to the research priorities listed above. Proposals for the development of new physiologic monitoring equipment or devices to facilitate safe sleep position or reduction of other sleep environment-related risks will not be considered.

These grant awards are intended to be self-contained studies with a well-defined targeted hypothesis.

Awards will be for 2 years, and limited to a total of $70,000.

Deadline for Receipt of Letter of Intent: Friday, January 12, 2018

Grantors: American Federation for Aging Research
Grant Opportunity: Post-Doctoral Fellowship
Keyword: Basic Science; Career Development; Geriatric; Post-Doctoral Fellowship
Award Amount: $60,000
Deadline: January 22, 2018

Glenn Foundation for Medical Research Postdoctoral Fellowships in Aging Research

https://www.afar.org/research/funding/glenn-postdoc/

The Program: The Glenn Foundation for Medical Research, in partnership with the American Federation for Aging Research (AFAR), created the Glenn Foundation for Medical Research Postdoctoral Fellowships in Aging Research to encourage and further the careers of postdoctoral fellows, who are conducting research in the basic biology of aging, as well as translating advances in basic research from the laboratory to the clinic. The award is intended to provide significant research and training support to permit these postdoctoral fellows to become established in the field of aging.

The Glenn Foundation Postdoctoral Fellowship program supports research projects concerned with understanding the basic mechanisms of aging as well as projects that have direct relevance to human aging if they show the potential to lead to clinically-relevant strategies that address human aging and healthspan. Projects investigating age-related diseases will be considered, if
approached from the point of view of how basic aging processes may lead to these outcomes. Projects concerning mechanisms underlying common geriatric functional disorders such as frailty will also be considered. Projects that are strictly clinical in nature such as the diagnosis and treatment of disease, health outcomes, or the social context of aging are not eligible.

Up to ten one-year fellowships of $60,000 will be awarded in 2018.

The deadline for receipt of all Letters of Intent is January 22, 2018 at 5:00 p.m. EST.

Grantor: Burroughs Wellcome Fund
Grant Opportunity: Career Development
Keyword: Basic Science; Career Development
Award Amount: $50,000
Deadline: March 5, 2018

Career Guidance for Trainees

https://www.bwfund.org/grant-programs/career-guidance/career-guidance-trainees

The Career Guidance for Trainees (CGT) program provides grants of $30,000 - $50,000 over a one-year period to support demonstration projects that will model affordable approaches to improving trainees’ readiness for stable, fulfilling careers, whether by clarifying and improving their basic “Ph.D.-level” skills, by helping them identify how they can best use their skills and interests to serve the needs of potential employers, by providing them approaches to thinking through their career options, or by other strategies.

Conference Calls and Learning More: Conference calls will be held on January 10, 2018 and February 1, 2018 to provide general information similar to that found in this online material. Calls will all be held at 1:00 PM Eastern Standard Time. Dial in number for these calls is 800-247-5110 and password is BWF. The conference calls are meant to provide a broad sense of the program. Potential applicants are always encouraged to contact the program officer, Victoria McGovern, directly at 919-991-5112 or vmcgovern@bwfund.org to talk more specifically about proposals.

Full Proposal Deadline: Mar 5, 2018 by 4:00pm EST

Grantor: Heart Rhythm Society
Grant Opportunity: Postdoctoral Fellowships
Keyword: Cardiovascular; Heart Attack; Post-Doctoral Fellowship
Award Amount: $50,000
Deadline: February 3, 2018

Research Fellowship Scholarship Opportunities in Cardiac Electrophysiology

http://www.hrsonline.org/Career-Resources/Fellowships-Program-Directors/Scholarships-for-EP

2018 HRS Research Fellowship Scholarship

Research Fellowship

Each year, HRS awards Post-Doctoral Fellowships, which include:
A one-year stipend of $50,000,
A complimentary membership to the Heart Rhythm Society, and
Complimentary registration to the Heart Rhythm Scientific Sessions.

Apply for the 2018 Research Fellowship Scholarship by February 3, 2018, 5 p.m. ET.