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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.

Grantor: Alex’s Lemonade Stand Foundation for Childhood Cancer

Grant Opportunity: Career Development

Keyword: Cancer; Career Development; Chronic Diseases; Pediatric Cancers; Pediatrics & Child Health; Research Grant

Award Amount: $800,000+

Deadline: May 21, 2018

Alex’s Lemonade Stand Foundation for Childhood Cancer 2018 'A' Award


The ‘A’ Award is a four-year grant designed for the early independent career scientist who wants to establish a career in pediatric oncology research. The ideal applicant has an original project that is not currently being funded.

Demonstration of a future commitment to pediatric cancer investigation as well as institutional support for the career development of the investigator are critical components of a successful application.

Highlights:

♦ The ‘A’ Award is a 4-year grant, with the possibility of a 5th year of funding.
♦ The Award amount is now a maximum of $200,000 per year.
A career development plan should be outlined; inclusion of a mentoring plan for at least the first 1-2 years of support is strongly encouraged.

All applications must be received by May 21, 2018 -11:59 PM ET.

Grantor: Brain Tumor Funders’ Collaborative

Grant Opportunity: Research Grants

Keyword: Brain Cancer; Cancer; Chronic Diseases; Immuno-oncology; Research Grant

Award Amount: $750,000

Deadline: May 11, 2018

Brain Tumor Funders' Collaborative Request for Pre-Proposals: Immunotherapy for Primary Human Brain Tumors

http://www.braintumorfunders.org/2018rfp.htm

The Brain Tumor Funders’ Collaborative (BTFC) works to identify potential therapies for patients with primary human brain tumors to ultimately increase overall patient survival, increase progression-free patient survival and improve the quality of life of patients affected by a primary brain tumor.

The current initiative is informed by a BTFC-hosted workshop and planning meetings. Our understanding of immunotherapy for human cancer has evolved significantly over the past 20 years to the point where certain types of cancer have shown meaningful and durable responses to immune-based therapies. For example, melanoma has proven to respond very well to immunotherapy, as have certain blood-borne cancers. Immunotherapy for human brain tumors, on the other hand, is proving more difficult; a better understanding of the complex dynamics among the constituents comprising the neuro-immune system, the tumor, and the brain is required.

To this end, the BTFC is prepared to sponsor research on the role of the neuro-immune system in the origin and progression of the immune responses in primary human brain tumors with the hope of developing immunotherapies for treatment of these tumors in patients. This Request for Pre-proposals focuses on supporting studies on the immune responses in primary brain tumors in pediatric and/or adult human patients.

The BTFC is considering supporting a small number of multi-disciplinary team-based projects. Teams should represent the requisite skills to carry out the proposed research including clinical oncology, tumor biology, neuro-immunology, computational modelling, and data science. Other areas of immunotherapy research may also be entertained such as radiation-induced brain tumors.
in survivors of childhood cancers who received cranio-spinal radiation for their original cancer (leukemias or medulloblastoma).

The BTFC is interested in gaining a better understanding of these immune mechanisms as they apply to human brain tumors of any grade in pediatric and adult populations. Characterization across more than one tumor type, therapeutic approach, and age group are of interest. Potential areas of exploration include, but are not limited to:

What is needed to make the different kind of immunotherapies efficacious for brain tumor patients?

What are the differences in the immune characteristics by tumor type or grade?

What are the biological factors limiting success of any given approach, such as intra-tumoral/patient heterogeneity, risks of deleterious inflammatory responses, and therapeutic indices?

What are the immunological implications of progression from low-grade gliomas to high-grade gliomas?

What escape mechanisms do human brain tumors use to evade immunotherapies?

What insights can we gain into predictors of response to immunotherapy?

What insights can we gain into predictors of adverse effects of immunotherapy treatment at a young age?

How can “big data” be used to better understand the immune system in brain tumors?

In what ways might immunotherapies be ineffective or detrimental to patients?

Are treatment strategies impacted by the maturation and senescence of the neuro-immune system?

Maximum of $250,000 for each project per year for three years

May 11, 2018: Pre-proposals due no later than 17:00 CDT (22:00 UTC)

Grantor: Alzheimer's Drug Discovery Foundation and Harrington Discovery Institute

Grant Opportunity: Research Grants

Keyword: Alzheimer’s Disease & Other Dementias; Basic Science; Chronic Diseases; Drug Discovery & Development; Pharmaceutical; Research Grant

Award Amount: $600,000

Deadline: May 25, 2018
Alzheimer's Drug Discovery Foundation-Harrington Scholar Program

https://www.alzdiscovery.org/research-and-grants/funding-opportunities/harrington

The ADDF-Harrington Scholar Program is designed to accelerate the translation of innovative research efforts that could treat, prevent, slow, or cure people with Alzheimer's disease.

The ADDF-Harrington Scholar Program is a collaboration between the Alzheimer's Drug Discovery Foundation (ADDF) and Harrington Discovery Institute. The goal of developing new therapies will be achieved by providing award recipients with both research funding and committed project support by a team of pharmaceutical industry experts within the Harrington Discovery Institute Innovation Support Center. The Innovation Support Center's Advisory Panel is staffed by drug development experts who have held senior management positions in established pharmaceutical companies. They have significant experience in commercial drug development, have broad, established networks, and collectively span a wide range of knowledge in drug discovery and development.

Funding Priorities

Novel targets are highly encouraged. Current target areas of interest include, but are not limited to:

Neuroprotection
Inflammation
Vascular function
Mitochondria & metabolic function
Proteostasis
ApoE
Epigenetics
Synaptic activity & neurotransmitters

The ADDF-Harrington Scholar Program does not support anti-amyloid (e.g., anti-amyloid aggregation, beta-amyloid vaccines, beta- or gamma-secretase inhibitors) or cholinesterase inhibitor approaches.

Drug Targets

Proposed molecular targets will be evaluated based on the strength of available evidence that links the target to the disease and demonstrates that target modulation will be disease-modifying. Examples of target criteria include:

Is there human genetic evidence linking the target to the disease?
Is the target expressed in disease-relevant regions of the brain (or where applicable, in the periphery) in humans and/or animal models?

Are there changes in target expression or activity in human disease specimens that correlate with disease severity and cognitive functions?

Does genetic and/or pharmacological manipulation of the target improve phenotype in disease-relevant in vitro (e.g. primary cultured neurons/glia or cells derived from patient iPSCs) or in vivo models?

Are there direct measures of target engagement that can be used experimentally and in humans?

How is the target unique or more compelling than other related targets that have been tested for the disease? In cases where there are already drugs targeting a specific receptor or pathway, what is the compelling case for a new approach to the target (e.g., positive allosteric modulator as opposed to full agonists, etc.)?

Stage of Discovery

The ADDF-Harrington Scholar Program aims to support hit-to-lead optimization through Investigational New Drug (IND)-enabling studies. Priority is given to novel programs that have:

- Identified a lead molecule or chemical series of molecules with data on in vitro potency (including secondary screens in relevant cell models), selectivity, and toxicity
- Assessed lead chemical structure of potential liabilities
- Conducted in vitro ADME (absorption, distribution, metabolism, excretion) characterization (e.g. solubility, microsomal stability, Caco-2, MDCK, CYP profiling)
- Possessed novel composition of matter IP
- For in vivo efficacy studies, proposals should:
  - Demonstrate blood-brain barrier penetration in cases of CNS targets
  - Justify dosing regimen and route of administration with in vivo PK/PD data
  - Include measures of target engagement

The ADDF-Harrington Scholar Program does not support target discovery, assay development, or high throughput screening campaigns.

Award: Up to $300,000 per year for 2 years

Deadline

Letter of Intent: May 25, 2018

Grantor: Burroughs Wellcome Fund
Grant Opportunity: Career Development

Keyword: Basic Science; Career Development

Award Amount: $500,000

Deadline: September 5, 2018

Career Awards at the Scientific Interface

https://www.bwfund.org/grant-programs/interfaces-science/career-awards-scientific-interface

BWF's Career Awards at the Scientific Interface (CASI) provide $500,000 over five years to bridge advanced postdoctoral training and the first three years of faculty service. These awards are open to U.S. and Canadian citizens or permanent residents as well as to U.S. temporary residents.

These grants 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.

Scientific advances such as genomics, quantitative structural biology, imaging techniques, and modeling of complex systems have created opportunities for exciting research careers at the interface between the physical/computational sciences and the biological sciences. Tackling key problems in biology will require scientists trained in areas such as chemistry, physics, applied mathematics, computer science, and engineering.

Pre-proposal Deadline: September 5, 2018 by 4:00pm EDT

Grantor: Arnold and Mabel Beckman Foundation

Grant Opportunity: Research Prize

Keyword: Prizes; Vision, Optometry, Ophthalmology

Award Amount: $500,000

Deadline: September 28, 2018

Beckman - Argyros Award in Vision Research

http://www.beckman-foundation.org/programs/beckman-argyros-vision-program-information

The Beckman - Argyros Award in Vision Research rewards one individual annually who has made and is continuing to make significant transformative breakthroughs in vision research;
particularly through the development of an innovative technology or fundamental scientific breakthrough that has been applied to, aided and/or improved the vision sciences.

One Award will be made annually.

All applicants for the Award must be nominated. The Nominator must submit a statement on the importance of the work performed by the Nominee. The Nominee must submit a summary of the impact of their work as well as a research proposal for work that would be enabled by the Award.

The Award consists of a research award of $400,000 to the Nominee’s laboratory, and a personal award of $100,000 paid directly to the Nominee.

Deadline: September 28, 2018

Grantor: Donaghue Foundation
Grant Opportunity: Research Grants
Keyword: Health Policy & Research; Quality Improvement; Research Grant
Award Amount: $400,000
Deadline: May 3, 2018

Donaghue Foundation 2018 Greater Value Portfolio Grant Program

http://donaghue.org/grant-opportunities/greater-value-portfolio/

The Donaghue Foundation announces its 2018 Greater Value Portfolio grant program that will fund research projects for two years with a maximum amount of $400,000 per award for the purpose of advancing promising approaches to achieve a higher value healthcare system. The goal of this program is to test approaches and tools that organizations can readily use to improve the value of the healthcare they provide to their patients and communities.

We believe value in healthcare is achieved with uniformly high quality outcomes and favorable patient experience for the money we spend. Symptoms of poor healthcare value include high and rising healthcare costs, unwarranted variation in prices, unacceptable variation in quality, and a lack of transparency in both price and outcomes. Investigators conducting research that expect to develop actionable solutions to one or more of these symptoms of low value healthcare are encouraged to apply to the Greater Value Portfolio program. Eligible topics include research that advances promising strategies in these areas:

Reduce routine treatments, tests, and screenings for patients for whom the potential harms (including financial harm) outweigh potential benefits
PROPRIETARY INFORMATION. FOR INTERNAL UNIVERSITY OF MICHIGAN USE ONLY.

Provide tools to help consumers make decisions about their healthcare based on value in addition to other patient-centered factors

Promote conversations between patients with serious illnesses and their clinicians about preferences and trade-offs related to alternative treatment options

Reduce structural barriers and inefficiencies that impede improving value within systems or across healthcare settings

Test models of care and coverage that address current financial disincentives for systemic change (i.e., paying for current programs with future savings or paying for programs that address social determinants of health with the savings from lowering expenditures related to clinical services)

Letter of intent deadline: May 3, 2018

Grantor: Crohn's & Colitis Foundation

Grant Opportunity: Research Grants

Keyword: Chronic Diseases; Inflammatory Bowel Disease; Research Grant

Award Amount: $315,900

Deadline: May 1, 2018; November 1, 2018

Crohn's & Colitis Foundation Senior Research Awards

http://www.crohnscolitisfoundation.org/science-and-professionals/research/grants-fellowships/senior-research-awards.html

Objective: To provide established researchers with funds to generate sufficient preliminary data to become competitive for funds from other sources such as the National Institutes of Health (NIH).

Proposal Eligibility: Proposal must be relevant to Inflammatory Bowel Disease (IBD) or Crohn's disease and/or ulcerative colitis. Only one application is allowed per applicant per submission date. Simultaneous submission of a Senior Research Award and a Training Award is not permitted.

Duration of Award: One to Three Years

Senior Research Awards Costs: Total maximum award per year: $115,830 (subject to annual progress report approval).

Letter of Intent: May 1st, 5:00 pm EST; November 1st, 5:00 pm EST
Grantor: Muscular Dystrophy Association

Grant Opportunity: Research Grants

Keyword: Amyotrophic Lateral Sclerosis (ALS); Basic Science; Chronic Diseases; Genetic Disorders; Neurological Disorders; Neuromuscular Disorders; Rare or Orphan Diseases; Research Grant

Award Amount: $300,000

Deadline: June 15, 2018; December 15, 2018

Muscular Dystrophy Association Research Grants

https://www.mda.org/research/funding-opportunities

Research Grants comprise the majority of MDA’s research funding awards each year. These grants are awarded to independent, established investigators to accelerate progress toward understanding and treating neuromuscular disease and total $100,000 per year for one to three years. In a very limited number of cases, awards will exceed $100,000 per year, but pre-approval is required before letter of intent submission.

Applicants are strongly encouraged to submit hypothesis-driven applications on innovative research with the following elements in mind:

Applications should directly relate to a disease in MDA’s program

Applications should focus on accelerating therapy development for the disease(s) in question. Such projects may include:

New target identification

Target validation

Screening for new therapeutic molecules that hit validated targets

Addressing a need of the neuromuscular research field (e.g., developing a novel animal or cell model of the disease, developing new technologies)

Clinical research projects that fit the budget restraint of this program (however, clinical trials should be submitted either through the MVP program or HCTG program)

MDA is also seeking applications that may result in new understanding of disease etiology and pathogenesis in neuromuscular disorders where these are not well understood

Applications will be accepted by MDA twice yearly for Research Grants.

Letters of intent due June 15, 2018 and December 15, 2018
Grantor: Crohn's & Colitis Foundation
Grant Opportunity: Career Development
Keyword: Basic Science; Career Development; Chronic Diseases; Inflammatory Bowel Disease; Research Grant
Award Amount: $270,000
Deadline: May 1, 2018; November 1, 2018
Crohn's & Colitis Foundation Career Development Awards


Objective: Career Development Awards are mentored awards intended to facilitate the development of individuals with research potential to prepare for a career of independent basic and/or clinical investigation in the area of inflammatory bowel disease (IBD).

Proposal Eligibility: Proposal MUST be relevant to IBD (Crohn's disease and/or ulcerative colitis) and must contain a career development plan detailing a training plan, mentorship plan, and describe how receiving this award will facilitate the transition to independence. **Only one application is allowed per applicant per submission date.**

Duration of Award: One to three years
Total maximum award per year: $90,000 (subject to annual progress report approval).
Letter of Intent: May 1st, 5:00 pm EST; November 1st, 5:00 pm EST

Grantor: Alex’s Lemonade Stand Foundation for Childhood Cancer
Grant Opportunity: Research Grants
Keyword: Cancer; Chronic Diseases; Pediatric Cancers; Pediatrics & Child Health; Research Grant
Award Amount: $250,000
Deadline: May 21, 2018
Alex’s Lemonade Stand Foundation for Childhood Cancer 2018 Reach Grants

https://www.alexslemonade.org/grants/guidelines?utm_source=ALSF+Grants+News&utm_campaign=4af691d90b-
Reach Grants are designed to move hypothesis-driven research into the clinic. The $250,000, two year grant is intended to fund developmental therapeutic studies in the late stage of preclinical testing.

A successful application will identify an unmet clinical need relevant to the care of pediatric patients with cancer and describe how the work performed will allow for the translation to the clinic within two years of completion. A plan and timeline for clinical testing and trial implementation is expected. This grant does not fund clinical trial expenses.

All Reach Award applications must be received by May 21, 2018-11:59 PM ET.

Grantor: American Parkinson Disease Association
Grant Opportunity: Postdoctoral Fellowships
Keyword: Career Development; Chronic Diseases; Neurological Disorders; Neuromuscular Disorders; Parkinson’s Disease; Post-Doctoral Fellowship
Award Amount: $240,000
Deadline: March 12, 2019

American Parkinson Disease Association Dr. George C. Cotzias Memorial Fellowship – Academic Year 2019-2020

https://www.apdaparkinson.org/research/research-opportunities/dr-george-c-cotzias-memorial-fellowship/

Goal: To assist promising young neurologist in establishing careers in research, teaching and patient service relevant to the problems, causes, prevention, diagnosis and treatment of Parkinson’s disease and related neurological movement disorders.

Funding Disbursement
The funds ($80,000 per year) will be awarded as follows:

$20,000 awarded on or about September, December, March and June of each fiscal year
Funding is subordinate to receipt of acceptable 12-month scientific and financial reports.
A final scientific and financial report is also required at the end of the third year.
Deadline to apply: 03/12/2019
Grantors: American Association for Cancer Research and AstraZeneca

Grant Opportunity: Training Grants

Keyword: Basic Science; Cancer; Career Development; Chronic Diseases; Post-Doctoral Fellowship

Award Amount: $225,000

Deadline: May 4, 2018

American Association for Cancer Research-AstraZeneca Stimulating Therapeutic Advancements Through Research Training (START) Grants

http://www.aacr.org/Funding/Pages/Funding-Detail.aspx?ItemID=73#.Wr0bepch1PZ

Dramatic advances made in recent years towards precision medicine initiatives, biomarker and novel target identification, and high-throughput examination of genomic data, have resulted in a trove of valuable data that can inform the development of new therapeutics to combat cancer. However, to effectively harness this wealth of information and advance the discovery and development of new therapies for cancer patients, enhanced collaboration between academia and industry will be needed.

The AACR-AstraZeneca Stimulating Therapeutic Advancements through Research Training (START) Grants represent an exciting new initiative to encourage and support such collaboration. This novel model, which will provide support to postdoctoral or clinical research fellows, combines research experiences in both an academic and industry setting, following a research timeline that will be of greatest benefit to the proposed work. The training provided through this grants program will be invaluable to young investigators, by allowing fellows to attain a comprehensive research experience that will make them highly desirable to potential employers in either academic research or the pharmaceutical industry. Likewise, academic research centers and industry will benefit from the introduction of such dual-trained individuals into the field.

Each fellowship provides a three-year grant of $225,000 to support the salary and benefits of the fellow while working on a mentored cancer research project. Applicants must plan to spend one year on site at an AstraZeneca facility. One of a number of AstraZeneca’s locations are possible, at the discretion of AstraZeneca. The year at AstraZeneca will be determined on a case-by-case basis, and will be at a time agreed upon by the fellow, the academic supervisor, the AstraZeneca mentor, and AstraZeneca. The research proposed for funding must have direct applicability to cancer with a specific focus on DNA Damage Response (DDR) pathways and may be basic, translational, or clinical in nature. Any proposals that address topics unrelated to DNA Damage Response pathways in cancer will NOT be accepted.

AACR requires applicants to submit an online application by 1:00 p.m. U.S. Eastern Time on Friday, May 4, 2018, using the proposalCENTRAL website at https://proposalcentral.altum.com.
Grantor: Muscular Dystrophy Association
Grant Opportunity: Research Grants
Keyword: Amyotrophic Lateral Sclerosis (ALS); Basic Science; Chronic Diseases; Genetic Disorders; Neurological Disorders; Neuromuscular Disorders; Rare or Orphan Diseases; Research Grant
Award Amount: $180,000
Deadline: June 15, 2018; December 15, 2018

Muscular Dystrophy Association Development Grants

https://www.mda.org/research/funding-opportunities

MDA Development Grants are awarded to senior postdoctoral researchers on the brink of becoming independent investigators, and are intended as seed money to help launch the scientific programs of promising new neuromuscular disease researchers. Development grants total $60,000 per year, for one to three years.

Applicants are strongly encouraged to submit hypothesis-driven applications on innovative research with the following elements in mind:

Applications should directly relate to a disease in MDA’s program

Applications should focus on accelerating therapy development for the disease(s) in question. Such projects may include:

New target identification
Target validation
Screening for new therapeutic molecules that hit validated targets
Addressing a need of the neuromuscular research field (e.g., developing a novel animal or cell model of the disease, developing new technologies)
Clinical research projects that fit the budget restraint of this program (however, clinical trials should be submitted either through the MVP program or HCTG program)

MDA is also seeking applications that may result in new understanding of disease etiology and pathogenesis in neuromuscular disorders where these are not well understood

Successful applications will include a training plan which details how the applicant will receive the necessary training and mentorship to transition to an independent research career
For projects focused on ALS: MDA has partnered with Target ALS to allow successful Development Grant recipients to access Target ALS core facilities at a reduced cost. Resources available through the core facilities include human postmortem tissue, stem cell lines, and viral vector production. Please contact MDA's ALS Scientific Program Officer Amanda Haidet-Phillips for further details concerning the terms and procedures.

Applications will be accepted by MDA twice yearly for Development Grants.

Letters of intent due June 15, 2018 and December 15, 2018

Grantor: Crohn's & Colitis Foundation

Grant Opportunity: Research Fellowship Awards

Keyword: Basic Science; Chronic Diseases; Inflammatory Bowel Disease; Post-Doctoral Fellowship

Award Amount: $174,750

Deadline: May 1, 2018; November 1, 2018

Crohn's & Colitis Foundation Research Fellowship Awards


Objective: Research Fellowship Awards are intended to support individuals in the post-doctoral phase of their career, to develop skills related to basic and/or clinical investigation in the field of inflammatory bowel disease (IBD), or Crohn’s disease and ulcerative colitis.

Proposal Eligibility: Proposals MUST be relevant to IBD (Crohn's Disease or ulcerative colitis) and must include a training and a mentoring plan. Only one application is allowed per applicant per submission date.

Duration of Award: One to three years

Total maximum award per year: $58,250 (subject to annual progress report approval).

Letter of Intent: May 1st, 5:00 pm EST; November 1st, 5:00 pm EST

Grantor: Pfizer

Grant Opportunity: Research Grants

Keyword: Basic Science; Career Development; Chronic Diseases; Rare or Orphan Diseases; Research Grant
Pfizer is proud to introduce 2018 US ASPIRE Investigator Research Awards in Endocrinology. As competition for research funding opportunities increases, the ASPIRE program underscores Pfizer's commitment to supporting exceptional investigators with an interest in advancing their academic research careers in Endocrinology.

Mission: The mission of the 2018 US ASPIRE Investigator Research Awards in Endocrinology is to advance the medical knowledge of the fundamental mechanisms of disease, mechanisms of action of current and potential future treatments, and to improve the care of patients with endocrine disorders.

The ASPIRE Program demonstrates Pfizer’s commitment to supporting exceptional investigators with an interest in advancing knowledge in defined disease areas of endocrinology.

Scientific research continues to advance our knowledge and understanding of endocrine disorders and their treatments. The 2018 US ASPIRE Investigator Research Awards in Endocrinology is designed to:

Support exceptional investigators working in the field of endocrinology.

Advance the understanding of disease mechanisms or treatments through translational basic science or clinical research in order to enhance the clinical care of adult patients with endocrine diseases.

Request for Proposals and Areas of Focus

Pfizer invites interested investigators to apply for the 2018 US ASPIRE Investigator Research Awards in Endocrinology. Funding will be provided to research proposals that seek to explore translational or clinical research in the following endocrinology areas:

Acromegaly in Adults

Available Awards: Pfizer is funding 2 awards of up to $75,000 each over 2 years to conduct basic science, translational or clinical research generating data that will help advance the science of acromegaly in adults.

Applications must be received by April 27, 2018 11:59pm Eastern Daylight Time

Grantor: American Parkinson Disease Association
Grant Opportunity: Research Grants

Keyword: Chronic Diseases; Neurological Disorders; Neuromuscular Disorders; Parkinson’s Disease; Research Grant

Award Amount: $50,000

Deadline: March 12, 2019

American Parkinson Disease Association Research Grants: Academic Year 2019-2020

https://www.apdaparkinson.org/research/research-opportunities/grants/

APDA Research Grants are intended for scientists affiliated with U.S. research institutions.

Total amount of the Research Grant will not exceed $50,000. The grant will be awarded for the duration of one (1) year. The same investigator may be supported for a maximum of two (2) consecutive years; only under exceptional conditions for three (3) consecutive years.

Deadline: 03/12/2019

Grantor: American Hearing Research Foundation

Grant Opportunity: Research Grants

Keyword: Assistive Technology; Basic Science; Chronic Diseases; Hearing; Research Grant

Award Amount: $40,000

Deadline: August 15, 2018

American Hearing Research Foundation Regular Grants

https://www.american-hearing.org/research-grants/

About the grant: The Foundation typically funds six (6) to eight (8) regular research grants that investigate various aspects of hearing and balance disorders related to the inner ear. Grants are for either $20,000 or $40,000 for one (1) year of research. Priority is given to investigators early in their careers who need seed funds to generate results and data that can be used to support applications for larger grants (i.e., NIH grants) in the future.

Depending on funds available, grant amounts occasionally may be adjusted at the discretion of AHRF. Our goal is to fund as many promising, novel projects as feasible.

Research topics: Proposals should relate to the hearing or balance functions of the ear. Both basic and clinical studies may be proposed that investigate aspects of the auditory and vestibular systems including but not limited to genetics, neurotology, anatomy, auditory processing,
molecular and cellular biology, therapeutic studies, and investigations of current or experimental
devices (i.e., cochlear implants).

Grantor: Woodrow Wilson National Fellowship Foundation
Grant Opportunity: Fellowships
Keyword: Basic Science; Career Development
Award Amount: $40,000
Deadline: April 30, 2018

Course Hero-Woodrow Wilson Fellowship for Excellence in Teaching

https://woodrow.org/fellowships/coursehero/info/application-information/

Mission: Great teaching is an essential ingredient in helping students on their path towards
graduation and is the foundation of a lifetime of learning. It strikes an intellectual spark that
prepares students not only for graduation, but also for engaged, informed, productive citizenship
in a rapidly evolving world. Created by Course Hero, an online learning library, and
administered by the Woodrow Wilson National Fellowship Foundation, the Course Hero-
Woodrow Wilson Fellowship for Excellence in Teaching aims to shape the next generation of
college professors to be innovative, effective, and inspiring educators.

The Fellowship: The Course Hero-Woodrow Wilson Fellowship for Excellence in Teaching will
support rising stars in the academy who love teaching, demonstrate excellence as educators, and
are making their mark as exceptional researchers, poised to shape their fields. Designed for
young scholars working towards tenure, the Course Hero-WW Fellowship is a “genius grant”
that will emphasize the balance between scholarly excellence and commitment to teaching
practice that draws on new approaches to pedagogy, creating a new level of engagement for
students in and beyond the classroom. In short, Fellows will be emerging heroes in their fields,
on a clear trajectory to become great college educators.

In its inaugural year, the Course Hero-WW Fellowship will identify five outstanding junior
faculty members. Fellows will receive a one-year grant of $40,000—approximately $30,000 to
support the engagement of a student assistant and the balance to be used for research and travel
support.

Exceptional candidates teach in ways that
build student confidence and mastery of a subject;
encourage critical thinking;
explore foundational concepts through the lens of broader themes and global events;

promote the power of learning communities beyond the classroom;

leverage technology to complement the classroom experience;

consider and serve different learning styles;

prepare students for lifelong learning; and

can serve as replicable teaching models for other educators.

In addition, all Fellows will have the opportunity to engage and collaborate with Course Hero and its growing community of master educators. Course Hero is partnering with educators to build an online library of course-specific study resources that complement the classroom experience. Fueled by its global community of over 20 million students and educators, Course Hero helps students quickly find the right study resources for their specific courses — including class notes, 24/7 tutors, study-guides, practice problems, and step-by-step explanations — so they can learn deeply and tackle any assignment or exam with confidence.

In addition to an online application and a C.V., Course Hero-WW Fellows applicants must submit short essays describing their research interests, their teaching philosophy and approaches, and how their teaching would fit with Course Hero’s work. The application portfolio must also include a sample syllabus and related teaching content, along with two letters of recommendation by senior colleagues. References should speak to the applicant’s scholarly promise and progress toward tenure as well as to her/his demonstrated affinity for teaching, advising, and service.

Candidates must also submit a simple budget (based on a template provided) for use of the award funds. The award is structured to include $30,000 for hiring a student assistant or assistants to support research and/or course preparation needs. The student assistant(s) may be either graduate or undergraduate.

Fields Supported: Course Hero-WW Fellows may be working in any field in the arts and sciences or in a business school. They will provide evidence of excellence and innovation in teaching at the undergraduate level, as well as of outstanding progress in developing a research dossier for tenure.

Deadline for all applications: April 30, 2018.

Grantor: American Parkinson Disease Association

Grant Opportunity: Postdoctoral Fellowships

Keyword: Chronic Diseases; Neurological Disorders; Neuromuscular Disorders; Parkinson’s Disease; Post-Doctoral Fellowship

Award Amount: $35,000
Deadline: March 12, 2019

American Parkinson Disease Association Post-Doctoral Research Fellowships Academic year 2019-2020

https://www.apdaparkinson.org/research/research-opportunities/postdoctoral-research-fellowships/

One year grants up to a maximum of $35,000 will be awarded to post-doctoral (MD,MD/PhD, OD, OD/PhD or PhD) research trainees.

Goal: To support post-doctoral trainees whose research training focus holds promise for new insights into the pathophysiology, etiology, and/or treatment of Parkinson’s disease

Deadline: 03/12/2019

Grantors: American Cochlear Implant Alliance and the American Hearing Research Foundation

Grant Opportunity: Research Grants

Keyword: Assistive Technology; Chronic Diseases; Health Policy & Research; Hearing; Public Health; Research Grant

Award Amount: $25,000

Deadline: August 15, 2018

American Cochlear Implant Alliance Alliance/American Hearing Research Foundation Grant

https://www.american-hearing.org/research-grants/

In 2019, AHRF will work cooperatively with the American Cochlear Implant (ACI) Alliance to provide up to $25,000 in funding for a one-year planning project.

Research topic: Planning for a Study on the Societal Costs of Severe-Profound Hearing Loss

Explore and recommend a detailed plan for updating the seminal Project HOPE study published in 2000 (Mohr PE et al, The Societal Costs of Severe to Profound Hearing Loss in the United States, International Journal of Technology Assessment in Health Care, 2000; 16(4):1120-35). This grant is intended to support the planning of a future study to address societal costs of severe-profound hearing loss.

Grantees may be scientists in the field of hearing loss, otolaryngologists, audiologists, speech language pathologists, economists, health care experts, or others with generic expertise in the
topics. The topic lends itself to an interdisciplinary approach involving individuals working within and beyond cochlear implantation.


Grantor: American Hearing Research Foundation
Grant Opportunity: Research Grants
Keyword: Chronic Diseases; Hearing; Research Grant
Award Amount: $25,000
Deadline: August 15, 2018

Meniere’s Disease Grant

https://www.american-hearing.org/research-grants/

The Foundation occasionally awards grants specifically related to the study of Meniere’s disease. The amount can range from $20,000 to $25,000.

Next deadline: August 15, 2018.

Grantor: Servier
Grant Opportunity: Research Competition
Keyword: Alzheimer’s Disease & Other Dementias; Basic Science; Chronic Diseases; Neurological Disorders; Neuromuscular Disorders; Parkinson’s Disease; Prizes; Research Grant
Award Amount: $20,000
Deadline: April 25, 2018

A Robust and Reproducible Assay for Monitoring Tau Aggregation

https://www.innocentive.com/ar/challenge/9934029

Neurodegenerative diseases are featured by progressive dysfunction and death of cells in selected areas in the central nervous system, determining clinical presentation. Neuronal loss is associated with conformational changes in proteins that result in extra- or intra-cellular accumulation of misfolded proteins, representing the hallmarks of several neurodegenerative disorders, summarized as proteinopathies. Intermediate forms such as oligomers or protofibrils are thought to have cytotoxic effects to neurons, offering new ways for future prevention and treatment strategies.
Our Research department within the Neuropsychiatry Center of Therapeutic Innovation is mainly focused on such intrinsically disordered protein (tau, α-synuclein, Aβ) aggregation processes related to Alzheimer’s disease and Parkinson’s disease. In the context of Alzheimer’s disease, one of our strategies is to search for compounds able to prevent tau aggregate formation. Therefore, the Seeker desires a suitable cell-free assay that allows the robust and reproducible monitoring of tau protein aggregation.

This Theoretical Challenge requires only a written proposal.

Overview: Tau proteins are expressed mainly in neurons and are responsible for stabilizing the formation of microtubules in the central nervous system. The process by which normal soluble tau protein transforms to the insoluble filamentous version is at the center of many neurodegenerative conditions. Abnormally hyperphosphorylated tau aggregates in the brains of patients with Alzheimer’s disease and there is evidence to suggest that this aggregation not only correlates with cognitive impairment, but also contributes to the molecular pathogenesis cascade. In order to test the capacity of molecules to inhibit aggregate formation, the Seeker desires a robust and reproducible cell-free assay that allows for the monitoring of tau protein aggregation.

This is a Theoretical Challenge that requires only a written proposal to be submitted. The Challenge award will be contingent upon theoretical evaluation of the proposal by the Seeker.

To receive an award, the Solvers will not have to transfer their exclusive Intellectual Property (IP) rights to the Seeker. Instead, Solvers will grant to the Seeker a non-exclusive license to practice their solutions.

Award: $20,000 USD

Submissions to this Challenge must be received by 11:59 PM (US Eastern Time) on April 25, 2018.


Grant Opportunity: Research Competition

Keyword: Kinesiology or Sports Medicine; Neurological Disorders; Research Grant

Award Amount: Not Specified

Deadline: June 6, 2018

HeadHealthTECH Challenge V

https://www.playsmartplaysafe.com/headhealthtech/

The National Football League (NFL) and Football Research, Inc. (FRI) have partnered with Duke University’s Clinical and Translational Science Institute (Duke CTSI) to create the
HeadHealthTECH Challenges, a series of innovation challenges intended to deepen understanding of and advance solutions in the areas of head protection, materials science, and kinematic measurement, among others.

Focus area: Advanced solutions in protective equipment and technology that can lead to significant gains in head protection

Opportunity: Multiple awards with a cumulative value of up to $1 million a year including in-kind support

Response Due Date: June 6, 2018