Contents

Albany Medical Center Prize in Medicine and Biomedical Research ................................................. 2
Request for Proposals: Cures Within Reach Funding to Support Repurposing Research in Mental Health .......................................................................................................................... 2
Neuroendocrine Tumor Research Foundation-American Association for Cancer Research Grant ................................................................................................................................. 3
Ruth K. Broad Foundation Extramural Award ......................................................................................... 4
Macy Faculty Scholars Program 2018 .................................................................................................. 4
Elsa U. Pardee Foundation Research Grant Program ........................................................................... 6
Craig H. Neilsen Foundation Creating Opportunity & Independence (CO&I) Project Grants .. 6
Dystonia Medical Research Foundation Clinical Fellowship Training Program ....................... 7
Morton Cure Paralysis Fund Grants Program ....................................................................................... 7
Doris Duke Charitable Foundation 2018-19 Clinical Research Mentorship Competition ........ 9
National Lipid Association Junior Faculty Research Award .............................................................. 9
Cystic Fibrosis Foundation First/Second Year Clinical Fellowship ................................................. 10
Hope Foundation SEED Fund for SWOG Early Exploration and Development 2017 Announcement ........................................................................................................................... 11
Scoliosis Research Society Research Grant Program ......................................................................... 12
Anna Lalor Burdick Program Grants Program ................................................................................... 14

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: Albany Medical Center
Grant Opportunity: Research Prize
Keyword: Prizes
Albany Medical Center Prize in Medicine and Biomedical Research

http://www.amc.edu/albanyprize/

The Albany Medical Center Prize in Medicine and Biomedical Research recognizes, encourages and supports extraordinary and sustained contributions to improved health care and innovative biomedical research that demonstrably facilitates improvements in patient care. Given annually, the $500,000 Prize is one of the largest awards in medicine and biomedical research in the United States. The Prize will be awarded to a physician, scientist or group that has demonstrated substantial achievements of national or international importance in the last quarter of a century, with preference given to accomplishments of the past decade.

The recipient(s) of the Prize will be chosen by a committee comprising some of the nation’s preeminent medical scholars, physicians, professors and biomedical researchers. Designed to be both prestigious public recognition and an important resource for sustaining excellence in health care and biomedical research, it is an expectation that the $500,000 award will be used by the recipient(s) to make further significant advancements in his or her field of expertise.

The deadline for completed nominations is March 16, 2018.

Grantor: Cures Within Reach
Grant Opportunity: Research Grants
Keyword: Devices & Robotics; Drug Discovery & Development; Pediatrics & Child Health; Psychiatric; Research Grant
Award Amount: $250,000
Deadline: December 22, 2017

Request for Proposals: Cures Within Reach Funding to Support Repurposing Research in Mental Health

https://app.cureaccelerator.org/home

We are excited to announce a new $50,000-$250,000 Request for Proposals (RFP) posted on CureAccelerator, seeking drug, device and nutraceutical repurposing and repositioning projects in adult, adolescent and pediatric mental health conditions. A digital copy of the RFP attached.

We hope you and/or other researchers at University of Michigan will submit Letters of Intent (LOI). Projects submitted to this RFP may be immediately funded by one or more current
CureAccelerator funders, and will also be used to encourage a large group of international funders of mental health research to focus their attention on repurposing opportunities at their February meeting in Europe.

Letters of Intent should be posted on CureAccelerator by Dec. 22, 2017.

Grantors: Neuroendocrine Tumor Research Foundation and the American Association for Cancer Research

Grant Opportunity: Research Grants

Keyword: Basic Science; Cancer; Chronic Diseases; Research Grant

Award Amount: $250,000

Deadline: January 9, 2018

Neuroendocrine Tumor Research Foundation-American Association for Cancer Research Grant

http://www.aacr.org/Funding/Pages/Funding-Detail.aspx?ItemID=33#.WgM3MIIiZPZ

The Neuroendocrine Tumor Research Foundation-AACR Grant represents a joint effort to promote and support innovative cancer research. This grant is available to independent junior and senior investigators to develop and study new ideas and innovative approaches that have direct application and relevance to neuroendocrine tumors. Proposed research may be in any discipline of basic, translational, or clinical cancer research.

Applications are invited from researchers currently in the field as well as investigators with experience in other areas of cancer or biomedical research who have promising ideas and approaches that can be applied to neuroendocrine tumor research.

The grant provides $250,000 over two years for expenses related to the research project, which may include salary and benefits of the grant recipient and any collaborators (grant recipient/collaborator salaries limited to 25% of the total grant), postdoctoral or clinical research fellows, graduate students (including tuition costs), and research assistants, research/laboratory supplies, equipment, travel, publication charges for manuscripts that pertain directly to the funded project, and other research expenses (indirect costs not permitted).

AACR requires applicants to submit an electronic application by 1:00pm, US Eastern Time on Tuesday, January 9, 2018, using the proposalCENTRAL website at https://proposalcentral.altum.com.

Grantor: Ruth K. Broad Foundation
Grant Opportunity: Career Development

Keyword: Alzheimer’s Disease & Other Dementias; Career Development; Chronic Diseases; Neurological Disorders; Research Grant

Award Amount: $250,000

Deadline: February 1, 2018

Ruth K. Broad Foundation Extramural Award

https://sites.duke.edu/broadfoundation/extramural-award-application/

Eligibility: Young or established non-Duke University investigators proposing new or novel research.

The Foundation will be awarding a two-year grant, effective July 1, 2018, for $125,000 each year. Applications will be evaluated on their potential for advancing understanding of neurodegenerative disorders, with particular interest in the potential relationship to Alzheimer’s disease. The research proposed should be an innovative direction of study for the applicant’s lab with the potential for high impact on the field.

Application Due: February 1, 2018

Grantor: Josiah Macy Jr. Foundation

Grant Opportunity: Career Development

Keyword: Career Development; Disparities; Health Policy & Research; Public Health; Quality Improvement; Under-represented Populations

Award Amount: $200,000

Deadline: February 14, 2018

Macy Faculty Scholars Program 2018

http://macyfoundation.org/macy-scholars

The Macy Faculty Scholars Program is designed to identify and nurture the careers of promising educational innovators in medicine and nursing. The goal is to develop the next generation of national leaders in medical and nursing education. The program will support the Macy Faculty Scholars in leading new educational innovations at their home institutions and will provide opportunities for further career development through national meetings and participation in other Macy activities.
There are many areas of possible innovations in health professional education that the Macy Faculty Scholars might explore.

The Foundation is particularly interested in the following:

1. Interprofessional education to promote team work and interprofessional collaboration.

2. New models of clinical education that emphasize longitudinal, integrated experiences with patients, families, and faculty.

3. New content in health professional curricula such as quality improvement, patient safety, systems analysis, health economics, and the social determinants of health.

4. Education of health professionals to care for underserved populations, including addressing the need for more primary care providers.

5. Programs to diversify the health professional workforce so that it more closely matches across many dimensions the populations to be served.

6. Domestic programs that promote understanding of global health and population health.

This is an illustrative, but not exhaustive, list of innovations that might be the work of the Scholars. The program seeks to attract and nurture faculty who are committed to careers in health professional education, are innovators and have shown promise as future leaders.

This is a career development award. We are interested in candidates for whom the program will have the maximum impact at this point in their career and who also have the greatest possibility for future impact in their careers. Macy Faculty Scholars will participate in the Annual Macy Faculty Scholars Meeting and will be part of the family of Macy Faculty Scholars for the remainder of their careers.

Total Awards: Five awards of up to $100,000 (plus fringe) per year for two years. In addition, funds will be made available for participation in the Harvard Macy Institute programs, for travel to the Annual Macy Faculty Scholars Meeting, and for other program-related travel.

December 14, 2017: Informational Webinar

February 14, 2018: Deadline for receipt of applications

Grantor: Elsa U. Pardee Foundation

Grant Opportunity: Research Grants

Keyword: Cancer; Chronic Diseases; Research Grant

Award Amount: $200,000 (?)

Deadlines: December 31, 2017; April 30, 2018; August 31, 2018
Elsa U. Pardee Foundation Research Grant Program

http://www.pardeefoundation.org/grants.aspx

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.

Deadline: December 31, 2017; April 30, 2018; August 31, 2018

Grantor: Craig H. Neilsen Foundation
Grant Opportunity: Program Funding
Keyword: Assistive Technology
Award Amount: $100,000
Deadline: January 12, 2018

Craig H. Neilsen Foundation Creating Opportunity & Independence (CO&I) Project Grants

http://chnfoundation.org/how-to-apply/

In support of the Neilsen Foundation’s mission, CO&I grants support innovative programs/projects that improve participation and independence for individuals living with SCI and address critical areas of need in rehabilitation, transitional stages, and in the community. CO&I grant support includes, but is not limited to, access to assistive technology, rehabilitation programs and clinical equipment, transportation, arts initiatives, adaptive sports and recreation programs, home modifications, adaptive driving, vocational programs, initiatives in education, and patient assistance programs.

The Neilsen Foundation is interested in projects that have broad impact, affect people across the lifespan, demonstrate community partnerships and empower individuals with SCI by providing options and opportunities to achieve greater independence.

Funding is for one year, from $25,000 - $100,000.

January 12, 2018 5:00 PM (Eastern Time): Letter of Intent (LOI) Submission Due via proposalCENTRAL
Grantor: Dystonia Medical Research Foundation

Grant Opportunity: Clinical Fellowship Training Program

Keyword: Chronic Disorders; Genetic Disorders; Neurological Disorders; Neuromuscular Disorders; Post-Doctoral Fellowships; Rare or Orphan Diseases

Award Amount: $75,000

Deadline: December 15, 2017

Dystonia Medical Research Foundation Clinical Fellowship Training Program

https://www.dystonia-foundation.org/research/for-researchers/clinical-fellowship-training-program

The Dystonia Medical Research Foundation (DMRF) is pleased to offer one-year clinical fellowships to support the training of exceptionally qualified physicians in preparation for their clinical and/or research career in movement disorders with emphasis on dystonia and a special competence in use of botulinum toxins. The fellowships are intended for second year movement disorder fellows.

Each fellow will receive a stipend in the amount of $75,000 per year. The fellowship is for only one year and is not renewable.

Applications for the fellowships, which are expected to start July 1, 2018, should be submitted electronically to the DMRF by December 15, 2017.

Grantor: Morton Cure Paralysis Fund

Grant Opportunity: Research Grants

Keyword: Basic Science; Orthopaedic; Regenerative Medicine; Research Grant

Award Amount: $75,000

Deadlines: April 30, 2018; October 31, 2018

Morton Cure Paralysis Fund Grants Program

http://www.mcpf.org/Pages/Resources.aspx

Funding Priorities

MCPF funds activities that hold promise of identifying therapies (cures) for paralysis in humans.
MCPF has a particular focus on placing projects in the research pipeline, enabling scientists to develop proof of concept data necessary to apply for larger NIH grants. The development of effective therapies for chronic injury is a high priority for the organization. Basic research will be supported if it has clear potential to accelerate progress at the applied end of the continuum and/or if it reflects innovative research or a ‘change of direction.’

The focus areas are:

1. Understanding the effects of spinal cord injury at the cellular level, particularly with emphasis on that which determines apoptosis and/or prohibits regrowth. As stated above, if the proposed project is at this level, it is important that the proposal demonstrate how the project is a change of direction, innovative research or can be quickly moved to therapeutic application.

2. Studying strategies to promote neuronal growth and survival, encourage the formation of synapses, enhance the production of myelin, restore conduction capabilities, or otherwise lead to restoration of the compromised circuitry in the acutely and chronically injured CNS.

3. Evaluating new therapies in clinical trial. In addition to those elements listed above, MCPF will also take into account projects that:
   - Encourage promising new investigators to undertake research on regeneration and recovery, particularly with respect to the spinal cord;
   - Encourage researchers who are well-established in other areas to transfer their efforts to spinal cord research; and,
   - Enable researchers with novel ideas to test their ideas and develop pilot data for seeking larger awards from NIH and other funding sources.

Either senior scientists or postdoctoral fellows may serve as principal investigators. If the latter, the applicant must submit a letter of support from the laboratory’s senior scientist, as well as two other appropriate letters of reference.

Most research awards range from $5,000 to $75,000 and are based on one-year contracts. A second year may be considered contingent upon the grantee submitting a six-month progress report, a 12-month progress report and a continuation application that is favorably reviewed by MCPF’s Grant Committee.

Deadlines: MCPF has two semiannual grant periods. The deadlines are April 30 and October 31.

Grantor: Doris Duke Charitable Foundation

Grant Opportunity: Program Funding

Keyword: Research Grant

Award Amount: $70,400
Deadline: January 9, 2018

Doris Duke Charitable Foundation 2018-19 Clinical Research Mentorship Competition

http://www.ddcf.org/what-we-fund/medical-research/goals-and-strategies/encourage-and-develop-clinical-research-careers/clinical-research-mentorship/?id=1618

Purpose: The Clinical Research Mentorship program provides previously funded Doris Duke investigators the opportunity to foster the next generation of clinical researchers by mentoring a medical student for one year.

Past and present principal investigators on medical research grants from the Doris Duke Charitable Foundation (DDCF) identify a medical student to mentor for one year and then apply as a team. Alternatively, medical students identify a qualifying DDCF principal investigator and they apply together. In either case, the DDCF principal investigator must be the applicant.

Each mentor is required to provide a 12-month, full-time clinical research experience for the student mentee. Each mentee must be willing to take 12 months out from medical school, typically after the third year of school. Teams receive $70,400 over one year, inclusive of a $30,000 stipend for the student. The student’s year out will start in the summer of 2018 and end in the summer of 2019.

Note that only one application per year per mentor will be accepted for the Clinical Research Mentorship program. Mentors cannot oversee research for two students nor can mentees conduct research under two separate mentors.

Applications Due: January 9, 2018 (3 p.m. ET)

Grantor: National Lipid Association

Grant Opportunity: Career Development

Keyword: Basic Science; Career Development; Chronic Diseases; Research Grant

Award Amount: $70,000

Deadline: January 31, 2018

National Lipid Association Junior Faculty Research Award

https://www.lipid.org/researchaward

The purpose of the NLA Junior Faculty Research is to encourage scholarly advancement of Junior Faculty in the pursuit of a career related to hyperlipidemia and other lipid disorders in humans. The NLA will fund eligible institutions to provide $70,000 per year in salary support for those actively involved in clinical and/or basic science that provides promise of developing new
information in fields of study that could advance the diagnosis and management of lipid disorders such as biochemistry, physiology, or genetics as well as interventions that improve therapy. The institutions eligible shall be nonprofit and offer an environment that would logically support a young faculty member with appropriate equipment, space and experienced faculty for proposed studies. The proposal will identify a specific candidate with training and strong signs of early success in an appropriate area of research and with a plan for developing appropriate experiments or clinical studies.

Basic Science Award: The application for the Basic Science Award may focus on any aspect of lipid metabolism that has relevance to human disease. This may include experiments at the laboratory bench involving structural chemistry, biochemistry, physiology or genetics. It can involve studies in animals or in human tissues. There may be related human experimentation but this should not be the central feature of the research proposed as basic science.

Clinical Science Award: The application for the Clinical Science Award may focus on research in living human subjects and may involve any aspect of lipid metabolism that has relevance to human disease. This may include experiments on the metabolic ward or research clinic or in the community. As examples, interventional studies with small molecules altering lipid metabolism, measures of lipoprotein kinetics, studies of genetic linkage to specific lipid metabolic disorders or in large community wide studies would be considered appropriate. Linkage to basic science through collaborative research programs may be appropriate.

Application deadline: January 31, 2018

Grantor: Cystic Fibrosis Foundation

Grant Opportunity: Clinical Fellowship

Keyword: Chronic Diseases; Cystic Fibrosis; Post-Doctoral Fellowship; Pulmonary and Respiratory

Award Amount: $69,250

Deadline: February 15, 2018

Cystic Fibrosis Foundation First/Second Year Clinical Fellowship

https://proposalcentral.altum.com/GrantOpportunities.asp?GMID=14

CFF invites applications for the First Year and/or Second Year Clinical Fellowship award from physicians interested in chronic pulmonary and gastrointestinal diseases of children, adolescents, and adults with CF. The intent of this program is to encourage specialized training in the early career development stage and to prepare well-qualified candidates for careers related to CF.

Applications can be submitted for a first year only, a second year only, or a first and second year combined. If the applicant applies for a first and second-year combination, the second year of
funding, if requested, is contingent upon submission and approval of a renewal progress report indicating the satisfactory performance for the portion of the first year that will have been completed at the time of submission.

CFF generally prefers that the first year of training provides intensive experience in patient management, diagnostic, and therapeutic procedures. The second-year clinical fellowship may include a research project for which additional funding is provided.

Funding: The maximum award amount is as follows:

- First-year clinical fellows: US$61,750 in direct costs for one year (indirect costs are not allowable). This includes up to: US$60,000 for salary and benefits  US$1,250 for travel to NACFC  US$500 for registration fees for NACFC

- Second-year clinical fellows: US$69,250 in direct costs for one year (indirect costs are not allowable). This includes up to: US$65,000 for salary and benefits US$1,250 for travel to NACFC  US$500 for registration fees for NACFC  US$2,500 for research expenses (Research Plan required)

Educational Loan Interest Re-payment CFF will underwrite the interest payments for CF-relevant educational loans for up to US$7,000 per year of a CFF fellowship.

Application Deadline: Thursday, February 15, 2018 at 5:00 PM (ET)

Grantor: Hope Foundation

Grant Opportunity: Research Grants

Keyword: Basic Science; Cancer; Chronic Diseases; Research Grant

Award Amount: $50,000

Deadline: December 1, 2017

Hope Foundation SEED Fund for SWOG Early Exploration and Development 2017 Announcement

http://thehopefoundation.org/research-funding/

SWOG’s mission is to improve the practice of cancer medicine in preventing, detecting, and treating cancer, and to enhance the quality of life for cancer survivors, primarily through design and conduct of clinical trials.

Awards are made from The Hope Foundation SEED Fund to encourage preliminary research that will potentially translate to future clinical trials or trial-associated projects (translational medicine studies) within SWOG and the NCTN. These awards may assist investigators with projects that support the following types of studies: pre-clinical data, secondary data analysis
from clinical trials, pilot and feasibility studies (including early stage clinical trials), small, self-contained research projects, or development of research methodology/technology. Direct application to future SWOG research, larger in scope, is critical and will be a metric of success for this funding program. Another metric of success will be the ability to obtain extramural funding based on studies done during the tenure of the support of this grant.

Individual projects may be funded for up to $50,000 (direct costs) and may be spent over a 1-or 2-year award period. Indirect costs are limited to a rate of 25%.

Deadline: December 1 at 5pm ET

Grantor: Scoliosis Research Society
Grant Opportunity: Research Grants
Keyword: Career Development; Chronic Diseases; Orthopaedic; Research Grant
Award Amount: $50,000
Deadlines: April 1, 2018; October 1, 2018

Scoliosis Research Society Research Grant Program

http://www.srs.org/professionals/research-and-journal/research-grants

Research Topics
The Research Grant Committee feels the following topics are important areas for research. This list is not all-inclusive and should not deter other areas of spinal pathology research.

Evidence Based Medicine
Idiopathic scoliosis
Etiology
Non-op and operative treatment
3D deformity of the spine and thorax
Adult deformity
Treatment and outcomes

Osteoporosis
Osteoporotic spine fractures
how it impacts scoliosis kyphosis management
how it relates to spinal deformity and instrumentation

Early onset scoliosis treatment
Sagittal imbalance
Congenital scoliosis
Neuromuscular spinal deformity
Deformity and reconstruction arising from spine and sacral tumor treatment
Thoracic insufficiency children associated with spinal deformity
Pulmonary outcome sequelae following common natural history of spine deformity and treatment history.

Risk Stratification

New Investigator Grant: This grant is specifically targeted towards new investigators. A new investigator is defined as someone who is either a fellow or within 10 years of completion of fellowship or equivalent specialist training in their country and has not previously been awarded funding from a major funding organization. However, this grant is available to candidates who have received a Small Exploratory grant. The maximum award is $25,000 and the duration of research may extend up to two years. Preliminary data is suggested although not absolutely required, and the application should be limited to seven pages.

Standard Investigator Grant: This grant is awarded a maximum of $25,000 per year up to two years' duration, the maximum total award being $50,000. These grant applications may be in any area of spinal deformity research, although an additional funding source for grants focusing on the etiology of scoliosis is available in conjunction with the Cotrel Foundation. These grant applications require evidence that the investigator has the experience and resources to complete the proposed research. As such, preliminary data is generally required. The application is limited to 15 pages.

Alf Nachemson Evidence Based Medicine Grant: The award is given to studies that aim to provide the best available evidence by which to improve our knowledge and practice in the care of patients with spinal deformities. These grant applications require evidence that the investigator has the experience and resources to complete the proposed research. This grant awards a maximum of $25,000 per year up to two years' duration, the maximum total award being $50,000.

Continuation or Extension Grant: Continuation or extension of an on-going project, which has been previously funded by the Scoliosis Research Society will be considered. These additional
grant requests require a report on the progress of the work completed to date. In addition, justification for the additional funding and/or time necessary to complete the project is required.

Application Deadlines

April 1
Standard
New Investigator
Continuation/Extension
Alf Nachemson Evidence Based Medicine

October 1
Standard
New Investigator
Continuation/Extension
Alf Nachemson Evidence Based Medicine
Risk Stratification

Grantor: Lalor Foundation
Grant Opportunity: Program Funding
Keyword: Disparities; Public Health; Under-represented Populations; Women’s Health
Award Amount: $35,000
Deadlines: May 1, 2018; November 1, 2018

Anna Lalor Burdick Program Grants Program

http://lalorfound.org/anna-lalor-burdick-program/application-guidelines/
The Anna Lalor Burdick Program seeks to empower young women through education about healthy reproduction in order to broaden and enhance their options in life.

The program focuses particularly on young women who have inadequate access to information regarding sexual and reproductive health, including comprehensive and unbiased information on contraception and pregnancy termination.
Funding Interests

The Anna Lalor Burdick (ALB) Program supports programs that offer sexual and reproductive health education to young women. It is interested in programs serving young women who are disadvantaged by poverty, discrimination, geographic isolation, lack of comprehensive sex education, hostile public policy, or other factors leading to inadequate sexual and reproductive health.

The ALB Program is particularly interested in supporting new programs or initiatives, or innovations in successful programs. Programs at new or small organizations, including those with a grassroots base, that are capable of delivering excellent services will also be considered.

Funding Availability and Duration

The ALB Program awards a small number of grants in the range of $10,000 to $35,000, with an average grant size between $15,000 and $25,000.

Grants are awarded for one year. On rare occasions, trustees invite follow-up work to a project that has shown outstanding results or promise during its first year.

Concept Paper Deadlines: May 1; November 1