OCTOBER 15, 2018

For additional information about these (and other philanthropic) opportunities and assistance in applying, please contact Eileen Murphy at the Rutgers University Foundation. Dialogue with potential funders is of paramount importance when considering applying to a foundation or corporation. For assistance in scheduling a phone call or meeting with a funder, also contact Eileen.

eamurphy@ruf.rutgers
848-932-7944

ANNOUNCEMENT: RBHS FREE GRANTWRITING SEMINAR OPPORTUNITY

All – The Institute for Health, Health Care Policy and Aging Research (IFH) is hosting an 8-week long seminar on grantwriting. Please see the attached pdf for tentative agenda and requirements, and forward to faculty as usual.

The seminar will provide longitudinal and active didactic learning experiences on grants to NIH or similar agencies (PCORI, CDC, etc) and will help the committed investigators put together the necessary components of R01, R21 or similar proposals. The due date for requested material is November 1st, based on rolling admission, with anticipated 12-15 enrollees.

Please have interested faculty direct any applications or questions to Natalie Tuseth at grantwriting@ifh.rutgers.edu or 848-932-8413.

PDF

Grant Writing Workshops_Announcement

PHILANTHROPIC OPPORTUNITIES IN HEALTH & MEDICAL RESEARCH

1) The Hilda and Preston Davis Foundation – Senior Postdoc Eating Disorders Research (10/26/18 | $100k)
2) The Pablove Foundation – Research Grants (10/30/18 | $50k)
3) Science Foundation Ireland – St. Patrick’s Day Science Medal Award (10/31/18 | medal)
4) American Society of Colon and Rectal Surgeons – International Fellowship & Limited Project Grants (11/1/18 | $50K)
5) Aniara – (11/1/18 | $20K)
6) Harry J. Lloyd Charitable Trust – Melanoma Research Grants (11/1/18)
7) Oxalosis & Hyperoxaluria Foundation – Research Grant (11/1/18 | $200K/2 yrs)
8) Paul & Daisy Soros Fellowships for New Americans – (11/1/18 $25K)
9) Robert Wood Johnson Foundation – Culture of Health Prize (11/1/18 | $25K)
10) Skin Cancer Foundation – Research Grants (11/1/18 | $50k & $25k)
11) Smithsonian Institution – Predoctoral Fellowships (11/1/18 | $36K)
12) Tourette Association of America – Young Investigator Award (11/1/18 | $160K/2 yrs)
13) ENTELLIGENCE – Young Investigator Program (11/2/18 | up to $100k)
14) New Jersey Health Foundation – Research Grants (11/2/18 | $35K)
15) The Gerber Foundation – (11/5/18 | up to $350K)
16) National Palliative Care Research Center – Pilot & Exploratory Project Support Grant (11/5/18 | $154k)
17) Pershing Square Sohn Cancer Research Alliance – Young Investigators Prize (11/5/18 | $600K/3 yrs)
18) DeGregorio Family Foundation for Gastric and Esophageal Cancer (11/7/18 | up to $250k)
19) Alzheimer’s Drug Discovery Foundation – Frontotemporal Degeneration (11/9/18 | up to $2M/3 yrs)
20) BrightFocus Foundation – National Glaucoma Research Program (11/9/18 | $200k/2 yrs)
21) Children’s Tumor Foundation – Gene Therapy Initiative (11/9/18 | $240K/2 yrs)
22) Fdn for Fighting Blindness - Individual Investigator Rsrch Award (11/12/18 - LOI | up to $100K)
23) Chan Zuckerberg - Seed Networks for the Human Cell Atlas (11/13/18)
24) The Bill & Melinda Gates Foundation – Grand Challenges Explorations (11/14/18 | $100k)
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### INTERNAL FUNDING

**New Jersey Autism Center of Excellence (NJACE) at Rutgers – Faculty Scholarship (11/16/18 | $10k)**

1) **The Hilda and Preston Davis Foundation – Eating Disorders Research: Senior Postdoctoral Fellows**
   - **Deadline:** October 26, 2018
   - **Amount:** $110,000

The Davis Foundation Awards Program for Eating Disorders Research supports innovative, clinically-relevant research that seeks to understand the underlying biology of eating disorders, including anorexia nervosa and bulimia nervosa, and to improve patient care. These awards are designed to build a strong scientific workforce dedicated to understanding the etiology of eating disorders and therapeutic development.

The Program provides two types of Awards, that respectively fund Senior Postdoctoral Fellows and Junior Faculty Investigators**, working in non-profit academic, medical and research institutions in the United States. All applicants must hold a Ph.D., M.D., or comparable degree and U.S. citizenship is not required.

The Davis Foundation Awards Program employs a two-stage Review process. In the first stage submitted Letters of Intent are reviewed. Based on ranking, applicants will be invited to submit Full Proposals to be reviewed for funding consideration.

Scheduled Funding Period: May 1, 2019 - April 30, 2021

2) **The Pablove Foundation**
   - **Deadline:** October 30, 2018
   - **Amount:** $50,000

The Pablove Foundation invites pediatric cancer researchers to apply for our Powered by Pablove seed grant program, which provides an award of $50,000 to conduct innovative, cutting edge investigations, with preferences going toward less common childhood cancers. In addition, projects that focus on Opsoclonus-Myoclonus Syndrome (OMS) will be considered. Our seed grants serve to advance the work of our
researchers to qualify for larger grants, federal funding and clinical trial. The Pablove Foundation is interested in principal investigators who will join us in taking risks, pushing for new solutions, and harnessing the transformative power of science in their research in the following broad areas:

- Mechanisms of Disease
- Genetics
- Preclinical Models
- Biomarkers and Surrogate Markers
- Prognostic Factors
- Diagnosis
- Innovative Clinical Therapeutic Trials
- Minimal Residual Disease Detection
- Treatment
- Supportive Care and Prevention
- Amelioration of Long-Term Effects of Therapy

By seeking answers and adding to the body of knowledge in pediatric cancer research, The Pablove Foundation will make an impact on the lives of children who are affected by childhood cancer. Letter of intent is due October 30.

3) Science Foundation Ireland

- **Deadline:** October 31, 2018
- **Amount:** Medal award

On behalf of Science Foundation Ireland, I would like to extend an invitation to you to join us in recognising and celebrating the achievements of senior scientists and engineers with Irish heritage or connections that have made some of the world’s leading research institutes in the US their academic home.

Science Foundation Ireland honours these exceptional individuals through our St. Patrick’s Day Science Medal which is awarded by the Taoiseach (Ireland’s Prime Minister) in the United States during the official St. Patrick’s Day Programme in March each year.

Through their leading research and contribution to science and engineering in the US and their commitment to retaining close ties to their homeland these individuals are a key element of the continued success of the substantial collaborative ties between our countries.

I would ask you please to consider nominating any senior Irish academics hosted at your University for the SFI St. Patrick’s Day Science Medal. The nomination process is straightforward. Full details are on our [website](#). I also attach the call for nominations and nomination form here for convenience. Attached also you will find a flyer with details on previous Medal recipients (note, we have extended the deadline beyond that indicated on the flyer).

The closing date for nominations is October 31st 2018. We want there to be a fantastic list for the judging panel to select from. If successful, hopefully this award will bring prestige not only to the individual, but to you as their host University.

I sincerely hope that you will consider nominating at least one suitable individual from your University and join us, with our Taoiseach, next March should your nominee be successful. If you have any queries, please do not hesitate to contact me directly.

4) American Society of Colon and Rectal Surgeons

- **Deadline:** November 1, 2018
- **Amount:** $50,000

**International Fellowship Grant**

**Purpose:** To provide support to research programs that are focused on diseases of the colon, rectum and anus that will ultimately impact how we treat these patients. This grant will focus on providing support to clinical investigators in the United States or Canada who would like to participate in research outside the United States or Canada, including US investigator engagement in global health research projects focused in colorectal surgery. Additionally, funding will be considered to support clinical investigators from outside the United States and Canada who would like to participate in research in the United States or Canada.

**Limited Project Grant (LPG)**

**Purpose:** To provide investigator the opportunity to pursue research interest, specifically germane to the field of colon and rectal surgery. It is anticipated that successful research projects, initially funded through the Research Foundation’s LPG mechanism, will ultimately secure funding from other national funding agencies.

5) Aniara

- **Deadline:** November 1, 2018
This year, we’re asking for projects that deal specifically with EDS - Ehlers-Danlos syndrome - and its effects on hemostasis and thrombosis. Extensive bruising, spontaneous arterial rupture, rupture of hollow organs, and severe internal bleeding are predominant features in EDS. Patients suffering from such syndromes typically undergo hematological studies including evaluation of clotting factors, platelet aggregation, and bleeding time.

Aniara has a passionate interest in this research because one of our own family suffers from EDS. We hope the grant will be used to spread awareness of this disease and address its specific issues within the hemostasis and coagulation fields.

6) Harry J. Lloyd Charitable Trust
   - **Deadline:** November 1, 2018

Harry Lloyd (1926–1997) had great passion for helping others achieve their dreams. Through his inspiration, encouragement, and support many received opportunities and attained successes beyond their imagination. Prior to his death caused by melanoma cancer, Mr. Lloyd established The Harry J. Lloyd Charitable Trust.

Since 2004 The Harry J. Lloyd Charitable Trust granted 125 melanoma research grants totaling $15,312,228.

Former recipients of Lloyd Trust melanoma grants have conducted research around the world in countries including Argentina, Australia, Belgium, Germany, Greece, Israel, Italy, Spain, Sweden, Switzerland, The Netherlands, the United Kingdom, and The United States of America. With a special focus on screening and prevention, most individual grants do not exceed $125,000 per year.

7) Oxalosis & Hyperoxaluria Foundation
   - **Deadline:** November 1, 2018
   - **Amount:** $200,000 for 2 yrs

The Oxalosis and Hyperoxaluria Foundation was established in 1989 to promote research to find a cure for oxalosis, primary hyperoxaluria, and related stone diseases and improve the care and treatment of those they affect. To date, the foundation has provided more than $10 million for PH-related education, awareness, and research programs.

Grants of up to $200,000 over two years will be awarded to support research with the potential to lead to new diagnostics, treatments, and a cure for primary hyperoxaluria and related conditions.

8) Paul & Daisy Soros Fellowships for New Americans
   - **Deadline:** November 1, 2018
   - **Amount:** $25,000

Every year, The Paul & Daisy Soros Fellowships for New Americans supports thirty New Americans, immigrants or the children of immigrants, who are pursuing graduate school in the United States.

Each Fellowship supports one to two years of graduate study in any field and in any advanced degree-granting program in the United States. Each award is for up to $25,000 in stipend support, as well as 50 percent of required tuition and fees, up to $20,000 per year, for one to two years. The first year of Fellowship funding cannot be deferred.

Most importantly, new Fellows join a strong community of current and past Fellows who all share the New American experience. There is an alumni association, The Paul & Daisy Soros Fellows Association (PDSFA), which actively engages current and past Fellows in events held across the country. For example, in 2015 the PDSFA held events with US Surgeon General Vivek Murthy (1998 Fellow) in both New York City and Washington, DC. In 2016, the PDSFA hosted events with Congressman Keith Ellison, Prabhjot Singh (2005 Fellow), Sachin Jain (2004 Fellow), Abdul El-Sayed (2012 Fellow), and Aarti Shahani (2010 Fellow) among others. They kicked 2017 off with an event in New York City co-hosted by the Marshall Scholars, which featured Thomas Friedman.

The competition is merit-based. Selection criteria emphasize creativity, originality, initiative, and sustained accomplishment. The program values a commitment to the Constitution and the Bill of Rights. The program does not have any quotas for types of degrees, universities or programs, countries of origin, or gender, etc. Unsuccessful applicants are welcome to reapply in subsequent years if they are still eligible.

9) Robert Wood Johnson Foundation
   - **Deadline:** November 1, 2018
   - **Amount:** $25,000

The Robert Wood Johnson Foundation (RWJF) Culture of Health Prize (the Prize) recognizes communities that have come together around a commitment to health, opportunity, and equity through collaboration and inclusion, especially with historically marginalized populations and those facing the greatest barriers to good health. The Prize honors those communities that are working to give everyone the opportunity to live well, including residents that are often left behind. A Culture of Health recognizes that where we live—our access to affordable and stable
homes, quality schools, reliable transportation—make a difference in our opportunities to thrive, and ultimately all of this profoundly affects our health and well-being. The Prize elevates the compelling stories of community members who are working together to transform neighborhoods, schools, businesses, and more—so that better health flourishes everywhere, for everyone.

10) Skin Cancer Foundation
- **Deadline:** November 1, 2018
- **Amount:** $50,000 & $25,000

**2 Grants of $50,000 and 1 Grant of $25,000 Will Be Awarded**

The Skin Cancer Foundation is now accepting applications for support of pilot research projects related to skin cancer. Researchers are invited to submit applications for one-year projects to be conducted within the dermatology departments of medical institutions in the United States and Canada.

The application deadline is Friday, November 1, 2018. Submissions will be reviewed by the Foundation’s Research Grants Committee and grant recipients will be notified by Friday, December 21, 2018. Award presentations will take place at the Foundation’s Annual Reception on Friday, March 1, 2019, in Washington, D.C. Grantees must be present at the reception to accept their awards.

11) The Smithsonian Institution
- **Deadline:** November 1, 2018
- **Amount:** $36,000

The Smithsonian Institution Fellowship Program offers opportunities for independent research or study related to Smithsonian collections, facilities, and/or research interests of the Institution and its staff. Fellowships are offered to graduate students, predoctoral students, and postdoctoral and senior investigators to conduct independent research and to utilize the resources of the Institution with members of the Smithsonian professional research staff serving as advisors and hosts.

Predoctoral Fellowships: Students enrolled in a university as candidates for the Ph.D. or equivalent are eligible for predoctoral fellowships. By the time the appointment begins, the university must approve the undertaking of dissertation research at the Smithsonian Institution and certify that requirements for the doctorate, other than the dissertation, have been met.

12) Tourette Association of America
- **Deadline:** November 1, 2018
- **Amount:** $160,000/2 yrs

Founded in 1972, the Tourette Association of America (formerly the Tourette Syndrome Association) has emerged as the premier national nonprofit organization working to make life better for all people affected by Tourette and tic disorders. The association advances its work by raising public awareness and fostering social acceptance; working to advance scientific understanding, treatment options, and care; educating professionals to better serve the needs of children, adults and families challenged by Tourette and tic disorders; advocating for public policies and services that promote positive school, work, and social environments; providing help, hope, and a supportive community across the nation; and empowering its community to deal with the complexities of this spectrum of disorders.

To that end, the foundation is accepting applications for its Young Investigator Award program, which is designed to encourage early-career researchers to invest their efforts and expertise in increasing our biological understanding of Tourette syndrome, pursuing clinical research aimed at improving patient care, and developing and testing new therapies.

The Young Investigator Award provides up to $80,000 per year for a total of two years (maximum of $160,000).

The program is open to postdoctoral fellows and independent clinical/research faculty members within five years of their first independent faculty appointment at the time of pre-proposal application submission. To be eligible, investigators are required to have an advanced degree such as a PhD, MD, or equivalent.

13) ENTELLIGENCE
- **Deadline:** November 2, 2018
- **Amount:** up to $100,000

ENTEllIGENCE supports basic science, translational, and clinical research in the field of cardiopulmonary medicine.

To that end, it is accepting applications for its thirteenth annual Young Investigator Program. Established in 2005, the program provides opportunities for promising young investigators to promote quality medical care and enhance patients’ lives by supporting research in the area of pulmonary hypertension, with a focus on expanding knowledge of pulmonary vascular pathobiology pathways.

In 2018, the program will award a one-year grant of up to $100,000 in support of a mentored project.
Eligible applicants include junior faculty members (up to and including the rank of assistant professor), postdoctoral students, research assistants, doctoral candidates, and fellows in the United States and Canada.

Letters of Intent must be received no later than November 2. Upon review, selected applicants will be invited to submit a full application by February 1, 2019.

14) New Jersey Health Foundation
- **Deadline:** November 2, 2018
- **Amount:** $35,000

In our latest round of funding, at least $1 million is available for the New Jersey Health Foundation Research Grants Program to provide grants of up to $35,000 each for research projects that demonstrate exciting potential and help applicants qualify for larger grants from other organizations to advance their research.

15) The Gerber Foundation
- **Deadline:** November 5, 2018
- **Amount:** up to $350,000

The Foundation’s mission focuses on infants and young children. Accordingly, priority is given to projects that improve the nutrition, care and development of infants and young children from the first year before birth to three years of age.

The Foundation is particularly interested in fresh approaches to solving common, everyday problems or emerging issues within our defined focus area. Projects should focus on issues faced by care providers that, when implemented, will improve the health, nutrition and/or developmental outcomes for infants and young children. The board is particularly looking for practical solutions that can be easily and rapidly implemented on a broad scale with a predictable time frame to clinical application.

Major target areas for research include:

- New diagnostic tools that may be more rapid, more specific, more sensitive, less invasive
- New treatment regimens that are improved or novel, less stressful or painful, more targeted, have less side effects, provide optimal dosing
- Symptom relief
- Preventative measures
- Assessment of deficiencies or excesses (vitamins, minerals, drugs, etc.)
- Risk assessment tools or measures for environmental hazards, trauma, etc.

16) National Palliative Care Research Center
- **Deadline:** November 5, 2018
- **Amount:** up to $154k

The National Palliative Care Research Center was established in July 2005 with a grant from the Emily Davie and Joseph S. Kornfeld Foundation. The Center was developed in response to a shortage of palliative care funding structures; a shortage of palliative care investigators; and a need for an organizational home for palliative care research in the United States. The primary goal of the NPCRC is to improve care for patients with serious illness and their caregivers by promoting palliative care research and rapidly translating these research findings into clinical practice.

The Pilot/Exploratory Project Support Grant provides funding for investigators performing pilot/exploratory research studies. Investigators must conduct research projects whose purpose is to test interventions, develop research methodologies, or explore novel areas of research that are directly related to the Center’s core mission and stated areas of interest. A condition of funding is a clearly defined plan as to how the investigator will use the results of the project to develop larger, extramurally funded research projects.

Awards may be one to two years in duration and for as much as $70,000 per year (direct costs), plus 10% allowable indirect costs. (Total award not to exceed $154,000.) Awards are not renewable. LOI due on November 5, 2018. Full proposals are invitation only and will be due on January 21, 2019.

17) Pershing Square Sohn Cancer Research Alliance
- **Deadline:** November 5, 2018
- **Amount:** $600,000/3 yrs

The Pershing Square Sohn Cancer Research Alliance is accepting applications for its 2019 Prize for Young Investigators in Cancer Research. Through the program, a prize of $200,000 per year for up to three years is awarded annually to at least five New York City-based scientists, enabling them to continue to pursue explorative and high-risk/high-reward research at a stage when traditional funding is lacking. Now in its fourth year, the highly competitive prize program aims to help bridge the gap between academia and the business community while supporting...
young scientists at a formative stage in their careers. In order to facilitate these collaborations, each prize winner is given a mentor in the pharmaceutical industry and the opportunity to present his or her work to scientific and business audiences.

To be eligible, applicants must have between two and eight years of experience running their own laboratories and must have a PhD, MD, or MD-PhD (or equivalent).

Pershing Square will begin accepting Letters of Intent on October 1. LOIs must be received no later than November 5, 2018. Upon review, selected applicants will be invited to submit a full application.

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18) DeGregorio Family Foundation
- **Deadline:** November 7, 2018
- **Amount:** $250,000

The DeGregorio Family Foundation for *Gastric and Esophageal Cancer* seeks to promote and facilitate collaborative research on the pathogenesis, early diagnosis, and treatment of upper gastrointestinal malignancies.

To that end, the foundation has issued a Request for Proposals for its ninth annual funding opportunity for gastroesophageal malignancies. Through the RFP, grants of up to $250,000 ($225,000 direct, $25,000 indirect) will be awarded in support of innovative, high-quality translational and bench research that improves the understanding of the biology of these diseases, identification of potential novel therapeutic targets, and/or the development and evaluation of novel biomarkers for early diagnosis and treatment. Pre-clinical research, basic mechanistic studies, genomic/epigenomic studies, and epidemiologic studies are eligible for support.

To be eligible, investigators must be associated with an academic or medical institution possessing tax-exempt status under section 501(c)(3) of the Internal Revenue Service Code. Research projects must not be funded currently under a separate mechanism.

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19) Alzheimer's Drug Discovery Foundation
- **Deadline:** November 9, 2018
- **Amount:** up to $2,000,000 for 3 yrs

The Alzheimer's Drug Discovery Foundation has issued a Request for Proposals for its Treat FTD Fund, a joint effort by ADDF and the Association for Frontotemporal Degeneration to support clinical development of novel or repurposed drugs for FTD disorders.

Running clinical trials in FTD patients should enable investigators to identify optimal approaches to targeting this unique patient population. In addition, trials supported by the Treat FTD Fund will complement efforts such as the FTD Biomarkers Initiative and the Accelerating Drug Discovery for FTD program by employing emergent advances in biomarker development and preclinical research.

The targeted population should include both genetic and sporadic forms of any FTD disorder, including behavioral variant FTD, primary progressive aphasia, corticobasal syndrome, progressive supranuclear palsy, and FTD/ALS. A clear description of the rationale for the mechanism of action in the targeted population must be included in the application.

Roughly 70 percent of FTD disorders occur sporadically. As in Alzheimer's and other neurodegenerative diseases, mechanisms such as inflammation, proteostasis, or epigenetics become dysfunctional with age and can contribute to disease pathogenesis. While gene therapy approaches for the genetic causes of FTD disorders are of interest, the foundation encourages applications that target some of the underlying mechanisms that may contribute to the sporadic forms of the disease.

One- to three-year grants of up to $2 million will be awarded for clinical proof-of-concept and pilot proof-of-mechanism studies. Phase 0/1 studies in healthy volunteers assessing pharmacodynamic outcomes also will be accepted for review. Innovative clinical trial designs and exploratory endpoints are encouraged. Specifically, outcome measures that apply to heterogeneous FTD populations (e.g., markers of pathology due to various causes) should be included in the trial design. Multidomain biomarkers that define grouping will be considered.

Funding is open to researchers and clinicians in the United States and worldwide working in academic medical centers and universities or nonprofits. Industry partnerships are strongly encouraged. Biotechnology companies that demonstrate a clear need for nonprofit funding also are encouraged to apply.

Letters of Intent must be received no later than November 9. Upon review, selected applicants will be invited to submit a full proposal by February 15, 2018.

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20) BrightFocus Foundation
- **Deadline:** November 9, 2018
- **Amount:** $200,000/2 yrs

National Glaucoma Research Program

Standard Awards
The standard award provides significant funding for researchers who have already generated some amount of preliminary data, but are often required to demonstrate additional, significant progress before they can apply to governmental or industrial funding agencies.

21) **Children's Tumor Foundation**
- **Deadline:** November 9, 2018
- **Amount:** $240,000/2 yrs

The Children's Tumor Foundation (CTF) is pleased to announce the initiation of a research program in gene-based therapeutic approaches for the treatment of neurofibromatosis type 1 (NF1). This initiative begins through this request for applications (RFA), with the first goal to fund two proof-of-principle studies in NF1 gene editing. Funding for each study will be $240,000 total (inclusive of 10% indirect costs) for a duration of two years.

The objective of this RFA is to support principle in vitro studies to investigate the feasibility of genome editing techniques, including but not limited to those based on CRISPR-Cas9, to correct pathogenic mutations in NF1 gene. The ultimate goal of this initiative is to explore the development of genome editing as a potential therapeutic tool for NF1.

Experimental outcomes should include: (1) evidence indicating whether the editing reagents can correct the mutation(s) (and characterization of off-target effects), (2) degree of success in delivering the reagents to Schwann cells, and (3) a functional assay showing efficacy.

22) **Foundation for Fighting Blindness**
- **Deadline:** November 12, 2018
- **Amount:** up to $100,000

Individual Investigator Research Grant Awards are designed to concentrate research in areas that will have the greatest potential to move towards treatments and cures for the inherited orphan retinal degenerative diseases and dry age-related macular degeneration (dAMD). N.B.: FFB does not support research for neovascular AMD or diabetic retinopathy. The Foundation has identified Research Priority Areas (RPA) that align with its mission and this targeted open call for application is to address specific gaps identified in current retinal disease research. While applications addressing the areas of particular interest below will be given priority consideration, the FFB will also consider proposals for highly novel research that do not fit easily within these goals The LOI for such proposals must clearly explain why the research is likely to lead to prevention, treatments or cures for the orphan inherited retinal degenerative diseases.

23) **Chan Zuckerberg Initiative**
- **Deadline:** November 13, 2018

The Human Cell Atlas (HCA) is a global effort to create a reference map of all cell types in the human body. It is an ambitious goal to generate a fundamental reference for biomedical research. The HCA was born out of advances in single cell biology that made it conceivable to collect extensive measurements that inform our understanding of cellular heterogeneity in health and disease. Due to the growth of the community, pace of technology, and interest from the international community, the project has gone from conceivable to feasible. The Chan Zuckerberg Initiative and the Helmsley Charitable Trust are pleased to announce continued support for the Human Cell Atlas by collaborating on two new funding mechanisms that the community can access through a single application portal. The Chan Zuckerberg Initiative seeks to continue the work of the HCA community with a focus on interdisciplinary work and collaboration through the formation of 3 year Seed Networks. The Helmsley Charitable Trust welcomes applications that will construct a detailed atlas of the human gut. CZI Seed Networks aim to solidify growth of the community and result in a first draft of several organs – there is no requirement for a gut component in CZI applications. Additionally, newly formed Networks are designed to catalyze partnership among the scientific community and the funding community so that we can work together toward a first draft of the HCA.

24) **The Bill & Melinda Gates Foundation**
- **Deadline:** November 14, 2018
- **Amount:** $100,000

The Bill & Melinda Gates Foundation is inviting proposals for the latest round of the [Grand Challenges Explorations initiative](https://www.gatesfoundation.org/Grand-Challenges/Grand-Challenges-Explorations). Applications on the following six topics will be accepted until Wednesday, November 14, 2018 11:30 am PST:

- **Increasing Demand for Vaccination Services**
- **New Approaches for Manufacturing Gut Microbial Biotherapeutics**
- **Innovation for WASH in Urban Settings**
- **New Approaches for Strategic Prioritization of Agricultural Development Policies**
- **Tools and Technologies for Broad-Scale Pest and Disease Surveillance of Crop Plants in Low-Income Countries**
- **Innovations Driving Programmatic Performance in Immunization: Service Experience and Data Use + Measurement**
Grand Challenges Explorations (GCE) grants have already been awarded to almost 1400 researchers in more than 65 countries. Initial grants are for USD $100,000 and successful projects are eligible to receive follow-on funding of up to USD $1 million. Proposals are solicited twice a year for an expanding set of global health and development challenges. Applications are only two pages, and no preliminary data is required. Applicants can be at any experience level; in any discipline; and from any type of organization, including colleges and universities, government laboratories, research institutions, non-profit organizations and for-profit companies.

25) American Association of University Women
   • Deadline: November 15, 2018
   • Amount: Doctoral: $20,000 & Postdoc: $30,000

AAUW’s International Fellowship program has been in existence since 1917. The program provides support for women pursuing full-time graduate or postdoctoral study in the U.S. who are not U.S. citizens or permanent residents. A limited number of awards are available for study outside of the U.S. (excluding the applicant’s home country) to women who are members of Graduate Women International (see the list of GWI affiliates). Preference is given to women who show prior commitment to the advancement of women and girls through civic, community, or professional work.

Up to five International Fellowships for master's/first professional degrees will be renewable for a second year; fellows will receive application information for this competitive program during their fellowship year.

26) American Psychological Foundation
   • Deadline: November 15, 2018
   • Amount: $25,000

The American Psychological Foundation is accepting applications for its Elizabeth Munsterberg Koppitz Fellowship program. The goals of the annual program are to encourage excellent young scholars to pursue a career in an area of psychology (e.g., child-clinical, pediatric, school, educational, developmental psychopathology), as well as to support scholarly work contributing to the advancement of knowledge in these areas. To that end, one-year grants of up to $25,000 will be awarded in support of graduate research projects and scholarships in child psychology.

To be eligible, applicants must have completed their doctoral candidacy (documentation required) and demonstrated research competence and commitment.

27) CureSearch for Children’s Cancer
   • Deadline: November 16, 2018
   • Amount: $225,000 for Young Investigator; up to $2,000,000 for Acceleration; up to $5,000,000 for Catapult Awards

Young Investigator: An opportunity for funding up to $75,000 in direct costs per year for up to three years (including a 10% indirect cost). Young Investigator Awards provides seed funding for bright researchers, early in their careers, pursuing novel research in pediatric oncology.

Acceleration Initiative: An opportunity for funding in the range of $500,000 – $2 million. The Acceleration Initiative funds scientific or technological innovation with the highest likelihood of identifying a breakthrough in childhood cancer treatments and becoming an impactful therapeutic option for children in the near term.

Catapult Awards: An opportunity for funding in the range of $2 million to $5 million (USD) opportunity. The award will support the advancement of clinical research in immunotherapy to improve outcomes for pediatric cancer

28) American Sleep Medicine Foundation
   • Deadline: November 27, 2018
   • Amount: up to $100,000

The American Sleep Medicine Foundation is accepting applications for its Bridge to Success for Mid-Career/Senior Investigators Award.

Through the program, grants of up to $100,000 will be awarded to established sleep investigators who have been independently supported by the NIH or other government research grants for at least five years but whose recent grant proposals are unlikely to be funded. A Bridge to Success Mid-Career/Senior Investigator Award will provide support for a year to help an independent investigator stay in the field of sleep research while reapplying for external funding.

To be eligible, applicants must be a sleep scientist (MD, DO, or PhD) who has been independently funded for at least five of the last seven years.

29) Doris Duke Charitable Foundation
   • Deadline: November 28, 2018
   • Amount: up to $495,000 each over 3 years

Purpose
The Doris Duke Clinical Scientist Development Award provides grants to early-career physician scientists to facilitate their transition to independent clinical research careers.

**Rationale & History**

The transition to an independent research career is often more difficult for physician scientists than it is for other researchers, as these individuals must balance the demands of both seeing patients and conducting research. DDCF’s Medical Research Program created the Clinical Scientist Development Award to provide mentored research funding to early-career physician-scientist faculty to enable their transition to independent and successful research careers.

In 2018, the Medical Research Program awarded 18 grants to investigators working in a broad range of disease areas.

Since the beginning of the program in 1998, the foundation has awarded 304 Clinical Scientist Development Awards totaling over $136 million.

**Award Details**

The Clinical Scientist Development Award consists of $150,000 annual direct costs plus $15,000 (10 percent) annual indirect costs for three years. The priority of the CSDA program is to fund outstanding individuals with potential for clinical research careers, whose projects will address highly significant research questions and lead to career advancement. DDCF does not have funding priorities based on disease area or research type.

In keeping with the wishes expressed in Doris Duke's will, experiments that use animals or primary tissues derived from animals will not be supported by this program.

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### 30) American Kidney Fund
- **Deadline:** November 30, 2018
- **Amount:** up to $160,000/2 yrs

The goal of the American Kidney Fund Clinical Scientist in Nephrology (CSN) fellowship program is to improve the quality of care provided to kidney patients and to promote clinical research in nephrology. The CSN program enhances the training of nephrologists who wish to pursue an academic career and whose primary professional commitment is to scholarship in the provision of patient care. Our CSN fellows conduct prevention and outcomes research while receiving advanced training in essential skills such as medical ethics, biostatistics and epidemiology.

The Clinical Scientist in Nephrology program was established in 1988, and since that time has trained some of nephrology's brightest scholars. Many former CSN fellows have gone on to distinguished careers in the field, conducting groundbreaking research that advances knowledge and treatment of kidney disease.

A Clinical Scientist in Nephrology fellowship may be granted yearly, with a maximum duration of two years for each fellowship. The maximum level of funding of $80,000 per year shall be used principally to support the candidate and his or her career development. This sum is expected to cover the individual fellow's salary (not to exceed $55,000) as well as training-related expenses.

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### 31) Fred J. Brotherton Charitable Foundation
- **Deadline:** December 1, 2018

The Foundation's major fields of interest include:

Medical Programs and/or Scientific Research: Medical and/or Scientific programs and/or their affiliated institutions.

There are two 3-month cycles when online grant applications can be submitted: Sep. 1st – Dec. 1st, and March 1st – June 1st. The grant application portal is only open during these two application cycles. The Advisory Board meets twice a year (2 months after each application cycle deadline) to approve grant distributions for the previous cycle's grant applications, at which time you will be advised by email of either approval or denial.

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### 32) Myocarditis Foundation
- **Deadline:** December 1, 2018
- **Amount:** up to $40,000

With the goal of saving more lives, the Myocarditis Foundation is dedicated to providing accurate and up-to-date information to medical professionals, patients, and their families, and to the scientific advancement of both the diagnosis and treatment of myocarditis, a disease marked by inflammation and damage of the heart muscle. Although the exact incidence of myocarditis is not known, it is estimated that several thousand patients per year are diagnosed in the United States. Myocarditis usually attacks otherwise healthy people, and it is believed that 5 percent to 20 percent of all cases of sudden death in young adults are due to the disease.

As part of this mission, the foundation is accepting applications for its research grants fellowship program.
One-year grants of up to $40,000 will be awarded for innovative basic, clinical, or translational research relevant to the cause or treatment of myocarditis. The program is designed to provide seed funding to investigators for the testing of initial hypotheses and collecting preliminary data to help secure long-term funding by the National Institute of Health and other major granting institutions. Funding is for salary only.

To be eligible, applicants must apply no later than ten years following receipt of an MD, PhD, or an equivalent degree and plan to perform the funded work in the United States or Canada. All applicants must select a preceptor with a proven track record of research in myocarditis. In addition to providing a letter of recommendation, the preceptor is expected to assist in preparing the application.

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33) Autism Science Foundation
- **Deadline:** December 3, 2018
- **Amount:** Predoc & medical students: $25,000 & Postdoc: $35,000

The Autism Science Foundation is inviting applications for its Pre- and Postdoctoral Training Awards and Medical School Gap Year Research Training Awards from graduate students, medical students, and postdoctoral fellows interested in pursuing careers in basic and clinical research relevant to autism spectrum disorders.

The proposed training must be scientifically linked to autism and may be broadened to include training in a closely related area of scientific research, including but not limited to human behavior across the lifespan (language, learning, behavior, communication, social function, motor skills and planning, epilepsy, sleep, repetitive disorders); neurobiology (anatomy, development, neuroimaging); pharmacology; neuropathology; genetics; epigenetics; genomics; epigenomics; immunology; molecular and cellular mechanisms; studies employing model organisms and systems; and studies of treatment and service delivery.

Special consideration will be given to projects focused on gender issues in autism, including studies examining the female protective effect, neurobiological and neuroanatomical examination of the female autism brain, diagnostic differences and challenges in females, the female phenotype, and health and lifespan issues. ASF also invites studies focused on unaffected siblings and recurrence risk in the offspring of unaffected siblings as well as research on the neurobiology and molecular biology of autism using post-mortem brain tissue.

One-year awards are $25,000 for pre-doctoral and medical students and $35,000 for postdoctoral students.

Applicants for Medical School Gap Year Research Training Awards should be enrolled at an accredited university medical school. Medical school applicants must apply prior to graduation from medical school, but the gap year may be taken immediately after graduation.

Applicants for postdoctoral awards must have completed their doctoral or medical degree and have been accepted as a postdoctoral fellow in good standing in a program in the United States as of the award start date (July-September 2018).

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34) Cystic Fibrosis Foundation
- **Deadline:** December 3, 2018
- **Amount:** $120,050/2 yrs

The mission of the Cystic Fibrosis Foundation (CFF) is to cure cystic fibrosis (CF) and to provide all people with the disease the opportunity to lead full, productive lives by funding research and drug development, promoting individualized treatment, and ensuring access to high-quality, specialized care.

Postdoctoral research fellowship awards are offered for support of postdoctoral research training related to cystic fibrosis. Preference will be given to recent graduates and those just beginning their research careers.

Salary support of up to $50,000 (plus $8,850 fringe) is available for the first year of the award and $52,000 (plus $9,200 fringe) for the second year of the award. Research and travel expenses of $4,250 per year are available. Indirect costs are not allowed. A third year of support may be available as an option to highly qualified candidates and will be considered after completion of 18 months of CFF-supported training.

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35) Damon Runyon Cancer Research Foundation
- **Deadline:** December 3, 2018
- **Amount:** $460,000/4 yrs

**Damon Runyon Physician-Scientist Training Award Overview:**

Physician-scientists who are both clinically trained and expert researchers are essential to the successful translation of scientific discovery into more effective patient therapies. They have the unique capacity to blend their insights from treating patients and working in the laboratory in a way that enables and accelerates medical advances. However, the pipeline of physician-scientists is dwindling. The decline in this vital cadre of cancer researchers is occurring at a time when cancer research holds the greatest promise of improving survival and quality of life among cancer patients. A growing shortage of physician-scientists means that major laboratory research discoveries will progress to patient application ever more slowly. If the shortage continues unabated, some may not reach patient application at all, thus presenting a crisis in cancer research. Application deadline is December 3.
The award will be for a period of four years. Funding will be allocated to the awardee’s institution each year for the support of the scientist. Funds are to be used for stipend and/or research expenses. No part of this grant can be used for indirect costs or institutional overhead.

Year 1 - $100,000  
Year 2 - $110,000  
Year 3 - $120,000  
Year 4 - $130,000  
(Total $460,000)

DEBT REPAYMENT PROGRAM
The Damon Runyon Cancer Research Foundation will retire up to $100,000 of any qualifying medical school debt still owed by the awardee. Payment will be 50% of the outstanding debt during the award period and 50% upon completion of the program, if the awardee demonstrates a commitment and intent to continue a career as a physician-scientist. Note: qualified candidates must first apply to the NIH Loan Repayment Program in order to be eligible for loan repayment from Damon Runyon.

OTHER FUNDING
Awardees may receive funding from other sources to support their research. However, no other physician-scientist career development award from a private source or federal government (e.g., K08 or K23) may be held concurrently with this award.


• **Deadline:** December 3, 2018  
• **Amount:** $40,000

The mission of the Milstein Medical Asian American Partnership Foundation is to improve world health by developing mutually beneficial partnerships between the United States and China, as well as greater Asia.

To that end, the foundation is inviting applications from mainland China scholars and investigators for its Fellowship Award in Translational Medicine. The aim of the program is to build enduring partnership between the U.S. and Asia through the training of future Chinese academic leaders and to encourage long-term collaborations between the two regions.

The award provides support for a one-year fellowship for a scholar or investigator to conduct a research project in translational medicine. The program will provide support in the amount of $60,000 for the project to be conducted at the awardee’s home institution in China as well as support in the amount of $25,000 for the U.S. partner institution.

To be eligible, applicants must be situated in a major medical center and aspire to be a distinguished researcher who focuses on the challenges of translational medicine. In addition, applicants must possess an MD or PhD in any specialty or medical subspecialty; significant research experience with a distinguished publication record; a strong commitment to research and academics; demonstrated leadership skills; and excellent proficiency in English.

37) Plastic Surgery Foundation

• **Deadline:** December 3, 2018  
• **Amount:** $50,000

The National Endowment for Plastic Surgery Grant is intended to support research projects which translate clinical or basic science research findings into clinically relevant advancements or tools with a high likelihood of impacting daily practice and patient care within the next few years. Applications will be evaluated based upon the importance of the study question, soundness of study design, demonstration of study feasibility through preliminary/pilot data, the quality of the investigator team, and use of appropriate statistical and analytic methods.

38) Rivkin Center for Ovarian Cancer

• **Deadline:** December 3, 2018  
• **Amount:** $75,000

Founded in 1996, the Marsha Rivkin Center for Ovarian Cancer Research provides funding for innovative research pilot studies, scholar grants to up-and-coming investigators in ovarian cancer research, early detection screening for ovarian cancer, and nationally and internationally attended research symposia on ovarian cancer.

The center currently is accepting applications for pilot study projects.

Through the center’s Pilot Study Program, up to ten grants of $75,000 each will be awarded to investigator-initiated projects in all areas of ovarian cancer research, as well as projects designed to analyze data from already funded clinical trials. Priority will be given to proposals that are innovative, multidisciplinary, likely to lead to the submission of grant applications for independently funded investigations, and have translational research potential. Investigators at all levels are encouraged to apply.

39) Rotary International – Alzheimer’s Research

• **Deadline:** December 3, 2018
Rotary International is accepting applications for its CART Fund, a program designed to encourage exploratory and developmental Alzheimer's disease research projects in the United States.

To advance its mission, the fund awards grants of up to $250,000 to support early and conceptual plans of projects that may not yet be supported by extensive preliminary data but have the potential to substantially advance biomedical research. Unless they intend to extend previous discoveries into new directions or applications, projects should be new and distinct from those designed to increase knowledge in a well-established area.

Eligible applications may come from full-time faculty (or equivalent status) at U.S.-based public and private institutions, including universities, colleges, hospitals, or laboratories.

Letters of Intent must be received no later than December 3. Upon review, selected applicants will be invited to submit a full application by February 22, 2019.

40) Arthroscopy Association of North America

- **Deadline:** December 4, 2018
- **Amount:** up to $25,000

The Arthroscopy Association of North America works to promote, encourage, support, and foster the development and dissemination of knowledge of arthroscopic surgery in order to improve upon the diagnosis and treatment of diseases of and injuries to the musculoskeletal system.

To that end, the association is accepting applications for its 2019 Research Grant program. Through the program, grants of up to $25,000 will be awarded in support of clinical or basic science research projects in the field of arthroscopic surgery or disorders amenable to arthroscopic treatment.

The criteria for evaluation are:

- Scientific Validity
- Feasibility
- Budget
- Clinical Relevance
- Ability to Complete

To be eligible, applicants must be an AANA member in good standing at the time of application.

41) Burroughs Wellcome Fund

- **Deadline:** December 4, 2018
- **Amount:** $500,000/4 yrs

The Preterm Birth Initiative was created to increase the understanding of the biological mechanisms underlying parturition and spontaneous preterm birth and will provide up to $500,000 over a four-year period ($125,000 per year).

The initiative is designed to stimulate both creative individual scientists and multi-investigator teams to approach the problem of preterm birth using creative basic and translation science methods. The formation of new connections between reproductive scientists and investigators who are involved in other areas will give preterm birth research a fresh and unique look, and stimulate a new workface to tackle this challenge.

Postdoctoral fellows nearing their transition to independent investigator status through senior established investigators are encouraged to apply.

Molecular and computational approaches such as genetics/genomics, immunology, microbiology, evolutionary biology, mathematics, engineering, and other basic sciences hold enormous potential for new insights independently or in conjunction with more traditional areas of parturition research such as maternal fetal medicine, obstetrics, and pediatrics.

Up to six research grants will be awarded in this award cycle.

42) American Society of Nephrology

- **Deadline:** December 5, 2018
- **Amount:** $100,000/2 yrs

The American Society of Nephrology fights to prevent, treat, and cure kidney diseases by educating health professionals and scientists, advancing research and innovation, communicating new knowledge, and advocating for the highest quality care for patients.
As part of this mission, the ASN Foundation is accepting applications for its William and Sandra Bennett Clinical Scholars Program.

The goal of the program is to help produce the next generation of clinician educators by enabling applicants to improve their teaching skills through the acquisition of education tools and by supporting aspiring nephrology educators to conduct a project that advances an aspect of nephrology education and teaching.

Through the program, grants of $100,000 over two years will be awarded to projects that examine any aspect of nephrology education. Projects may address aspects related to pre-doctoral or postdoctoral education and should generate new knowledge and have an impact beyond the applicant's institution. Examples of proposed projects can include but are not limited to curricular reform, innovations in education, new education methods, evaluation of new assessment tools for competency-based learning and assessment, professional development, and professionalism. The proposed project also must include appropriate metrics for evaluation, implementation, and dissemination.

Recipients are expected to acquire teaching skills — e.g., to complete a formal or semi-formal education program during the grant-funded years.

To be eligible, applicants must hold an MD, DO, PhD, or equivalent degree; have completed the clinical portion of their training program by the time of award activation; hold a full-time faculty appointment and be within seven years of initial faculty appointment at the time of the award activation; hold ASN membership at the time of the application; and work in North or Central America during the funding period. ASN will begin accepting applications on October 10. Applications must be received no later than December 5, 2018.

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**43) Ford Foundation**

- **Deadline:** December 6 & 13, 2018
- **Amount:** various

Through its Fellowship Programs, the Ford Foundation seeks to increase the diversity of the nation’s college and university faculties by increasing their ethnic and racial diversity, to maximize the educational benefits of diversity, and to increase the number of professors who can and will use diversity as a resource for enriching the education of all students.

Predoctoral, Dissertation, and Postdoctoral fellowships will be awarded in a national competition administered by the National Academies of Sciences, Engineering, and Medicine on behalf of the Ford Foundation.

The following will be considered as positive factors in choosing successful candidates:

- Evidence of superior academic achievement
- Degree of promise of continuing achievement as scholars and teachers
- Capacity to respond in pedagogically productive ways to the learning needs of students from diverse backgrounds
- Sustained personal engagement with communities that are underrepresented in the academy and an ability to bring this asset to learning, teaching, and scholarship at the college and university level
- Likelihood of using the diversity of human experience as an educational resource in teaching and scholarship
- Membership in one or more of the following groups whose underrepresentation in the American professoriate has been severe and longstanding:
  - Alaska Natives (Aleut, Eskimo, or other Indigenous People of Alaska)
  - Black/African Americans
  - Mexican Americans/Chicanas/Chicanos
  - Native American Indians
  - Native Pacific Islanders (Hawaiian/Polynesian/Micronesian)
  - Puerto Ricans

**Dissertation:**

This year the program will award approximately 36 dissertation fellowships. The dissertation fellowships provide one year of support for individuals working to complete a dissertation leading to a Doctor of Philosophy (Ph.D.) or Doctor of Science (Sc.D.) degree. The Ford Foundation Dissertation Fellowship is intended to support the final year of writing and defense of the dissertation.

Dissertation fellowships will be awarded in a national competition administered by the National Academies of Sciences, Engineering, and Medicine on behalf of the Ford Foundation. The awards will be made to individuals who, in the judgment of the review panels, have demonstrated superior academic achievement, are committed to a career in teaching and research at the college or university level, show promise of future achievement as scholars and teachers, and are well prepared to use diversity as a resource for enriching the education of all students.

**Predoctoral:**

This year the program will award approximately 70 predoctoral fellowships. These fellowships provide three years of support for individuals engaged in graduate study leading to a Doctor of Philosophy (Ph.D.) or Doctor of Science (Sc.D.) degree.
Predoctoral fellowships will be awarded in a national competition administered by the National Academies of Sciences, Engineering, and Medicine on behalf of the Ford Foundation. The awards will be made to individuals who, in the judgment of the review panels, have demonstrated superior academic achievement, are committed to a career in teaching and research at the college or university level, show promise of future achievement as scholars and teachers, and are well prepared to use diversity as a resource for enriching the education of all students.

Postdoctoral:

This year the program will award approximately 24 postdoctoral fellowships. The postdoctoral fellowships provide one year of support for individuals engaged in postdoctoral study after the attainment of the Doctor of Philosophy (Ph.D.) or Doctor of Science (Sc.D.) degree.

Postdoctoral fellowships will be awarded in a national competition administered by the National Academies of Sciences, Engineering, and Medicine on behalf of the Ford Foundation. The awards will be made to individuals who, in the judgment of the review panels, have demonstrated superior academic achievement, are committed to a career in teaching and research at the college or university level, show promise of future achievement as scholars and teachers, and are well prepared to use diversity as a resource for enriching the education of all students.

44) Breast Cancer Alliance
• Deadline: December 10, 2018
• Amount: $75,000

Breast Surgery Fellowships: The term of the Breast Surgical Fellowship is one year with a grant award of $75,000, from August 1 through July 31. Institutions making application for the 2019 award must have an established breast fellowship program, be SSO accredited for a minimum of 2 years, and be located in CT, NJ or NY. Any publicity associated with this program and any papers published in association with the work done during or as a result of this fellowship must recognize the Breast Cancer Alliance. Deadline is December 10, 2018.

45) The McKnight Endowment Fund for Neuroscience – Technology Awards
• Deadline: December 10, 2018
• Amount: $100,000/2 yrs

The McKnight Endowment Fund for Neuroscience supports innovative research designed to bring science closer to the day when diseases of the brain can be accurately diagnosed, prevented, and treated. To this end, the McKnight Endowment Fund for Neuroscience invites letters of intent for the 2019 McKnight Technological Innovations in Neuroscience awards. These awards encourage and support scientists working on the development of novel and creative approaches to understanding brain function. The Endowment Fund is interested in how a new technology may be used to monitor, manipulate, analyze, or model brain function at any level, from the molecular to the entire organism. The technology may take any form, from biochemical tools to instruments to software and mathematical approaches. Because the program seeks to advance and enlarge the range of technologies available to the neurosciences, research based primarily on existing techniques will not be considered.

A goal of the Technological Innovations awards is to foster collaboration between the neurosciences and other disciplines; therefore, collaborative and cross-disciplinary applications are explicitly invited.

46) American Gastroenterological Association
• Deadline: December 14, 2018
• Amount: $300,000

The objective of the AGA Research Foundation Research Scholar Award (RSA) is to support young gastroenterologists working toward independent and productive research careers in digestive diseases by ensuring that a major proportion of their time is protected for research (i.e., a minimum of 75 percent effort dedicated to the proposed project). The award will support young faculty (not fellows) who have demonstrated exceptional promise and have some record of accomplishment in research pertaining to pancreatic cancer.

AGA-Bern Schwartz Family Fund Research Scholar Award in Pancreatic Cancer
This award provides $100,000 per year for three years (total $300,000) to early career faculty (i.e., investigator, instructor, research associate or equivalent) working toward an independent career in pancreatic cancer research.

AGA Research Scholar Award (RSA)
This award provides $100,000 per year for three years (total $300,000) to early career faculty (i.e., investigator, instructor, research associate or equivalent) working toward an independent career in digestive disease research.
AGA-Shire Research Scholar Award in Functional GI and Motility Disorders

This award provides $100,000 per year for three years (total $300,000) to early career faculty (i.e., investigator, instructor, research associate or equivalent) working toward an independent career in functional GI and motility disorders research.

AGA-Takeda Pharmaceuticals Research Scholar Award in Inflammatory Bowel Disease

This award provides $100,000 per year for three years (total $300,000) to a young investigator, instructor, research associate or equivalent working toward an independent career in inflammatory bowel disease research.

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47) The Epilepsy Foundation

- **Deadline:** December 14, 2018
- **Amount:** $200,000

The Epilepsy Foundation has announced its eighth annual epilepsy “Shark Tank” competition for the most innovative ideas in epilepsy and seizure treatment and care.

Examples of novel ideas include a system to detect seizures with the capacity to provide early warning to the patient or family; a treatment that stops a seizure from progressing; a system that helps patients manage their daily treatment; a device that prevents physical injury that patients may experience when in seizure; or an entirely new product concept with the promise to dramatically improve the lives of people with epilepsy.

Selected finalists will receive international recognition and compete for grants totaling $200,000 to support the development and commercialization of their new product, technology, or therapeutic concept.

As many as six finalists will be selected to present at the 2019 Anti-Epileptic Drug & Device Trials, May 22-24, 2019, in Miami. Each presenter will have five minutes to present the concept, followed by five minutes of questioning. The event will feature live voting among audience members and a panel of judges (Sharks) representative of industry, advocacy, investors, and the research and medical communities. The project (or projects) deemed to be the most innovative will be announced at the conclusion of the competition.

To be eligible, applicants must demonstrate an ability to move the proposed plan to completion, showing how the prize can accelerate any step along the path to market. Inventors who submitted ideas for previous Shark Tank competitions are encouraged to re-submit their ideas if substantial progress has been made.

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48) Friends For An Earlier Breast Cancer Test

- **Deadline:** December 15, 2018
- **Amount:** up to $40,000/1-3 yrs

Earlier.org - Friends For An Earlier Breast Cancer Test is a nonprofit organization dedicated to promoting awareness and education and to raising funds for research into earlier detection of breast cancer. Since its inception in 1995, the organization has awarded nearly $4 million in seed grants to qualified projects.

To advance this mission, grants of up to $40,000 over one to three years will be awarded in support of pilot research projects focused on improving the detection of early-stage breast cancer. Priority will be given to projects that lead to the development of new techniques in the areas of biological or immunologic methods of early detection.

Applications are accepted from both established investigators who have funding but want to embark on a new area, as well as less experienced investigators. In either case, the proposal should represent a new approach to the investigator’s area of interest.

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49) McGovern Institute for Brain Research at MIT

- **Deadline:** December 15, 2018
- **Amount:** $150,000

The McGovern Institute for Brain Research at the Massachusetts Institute of Technology was established in 2000 by Patrick J. McGovern and Lore Harp McGovern with the goal of improving human welfare, communication, and understanding through support for neuroscience research.

To that end, the institute has announced a call for nominations for its twelfth annual Edward M. Scolnick Prize in Neuroscience.

Now in its fifteenth year, the Scolnick Prize is designed to recognize outstanding advances in the field of neuroscience. The prize, which is endowed through a gift from Merck to the McGovern Institute, consists of a $150,000 award plus an inscribed gift. In addition, the recipient is expected to present a public lecture at the McGovern Institute in the spring of 2019. (A gala dinner for the recipient and invited guests will follow the prize lecture.)

Candidates for the award must be nominated by individuals affiliated with universities, hospitals, medical schools, or research institutes who have a background in neuroscience. Self-nominations will not be considered.
50) The Rita Allen Foundation and the American Pain Society

- **Deadline:** December 17, 2018
- **Amount:** $150,000/3 yrs

The Rita Allen Foundation and the American Pain Society are accepting applications for the annual Award in Pain.

Proposed research projects should be directed toward the molecular biology of pain and/or basic science topics related to the development of new analgesics for the management of pain due to terminal illness.

Eligible candidates will have completed their training and be able to provide persuasive evidence of distinguished achievement or extraordinary promise in basic science research in pain. Candidates also should be in the early stages of their career with an appointment at the faculty level.

To be eligible, applicants must be able to demonstrate the strong support of appropriate administrators and their department chair or institute head; should have been on a tenure track for no more than three years (support will be reconsidered if a Rita Allen Foundation Scholar is awarded tenure); and must conduct the research at an institution in the United States or Canada.

The program will award two grants in the amount of $50,000 a year, for a period of up to three years. The entire award is to be allocated to projects specifically chosen by the recipient. Institutional overhead is not supported. Eligible grant expenses may include the principal investigator’s salary.

51) Pancreatic Cancer Action Network

- **Deadline:** December 21, 2018
- **Amount:** up to $500k/2 yrs

The Pancreatic Cancer Action Network is accepting applications for its 2019 Translational Research grant program.

Through the program, grants of up to $500,000 over two years will be awarded for high-priority pancreatic cancer research that is poised for important translational next steps. For the purposes of this grant, translational research is defined according to the framework conceived by the Translational Research Working Group created under the auspices of the U.S. National Cancer Advisory Board. Specifically, the program supports research that follows fundamental discovery all the way through Phase I/II clinical trials.

Given its importance in driving the translational process, the project team should involve cross-disciplinary skills. Projects supported by these grants will benefit especially from collaborations between basic and clinical scientists. PCAN expects to award five Translational Research grants in 2019.

To be eligible, the principal investigator must be an independent researcher with a doctoral degree (PhD, MD, DO, PharmD, or equivalent) in the biomedical sciences or in a field applicable to health science research. In addition, he/she must be affiliated with an academic, medical, or research institution within the United States.

There is no citizenship requirements, but the contact PI who is not a U.S. citizen must have a visa status that provides sufficient time to complete the project within the U.S.

52) American Orthopaedic Society

- **Deadline:** January 1, 2019
- **Amount:** $50,000

The American Orthopaedic Society for Sports Medicine is accepting applications from investigators working on early osteoarthritis and/or the prevention of OA progression.

Through the AOSSM/Sanofi Biosurgery Osteoarthritis grant program, AOSSM will award a single grant of $50,000 in support of either a clinical research study or a lab/basic science project. Priority will be given to research focused on characterizing early events in osteoarthritis and how these might be affected by joint injury; increased understanding of disease initiation and the factors that drive disease; identification of specific acute injury mechanisms that may contribute to the increased likelihood of disease progression, providing a potential interventional target; the optimization of treatment time courses to determine the validity of a mono or multi-therapeutic approach; the evaluation of epigenetics and its potential to delay degenerative disease post-injury through modulation of gene expression; and/or the evaluation of new potential chondroprotective agents, with a focus on agents/drugs that have prior FDA approval or could get fast approval.

To be eligible, the project team must include at least one AOSSM member in good standing.

53) Nestlé Foundation

- **Deadline:** January 10 & May 10, 2019
- **Amount:** various
The Nestlé Foundation offers different award and grant categories, some of them using a modular approach, i.e. the Pilot Grant Program represents the starting grant module for a later Full Grant Research application. The eligibility criteria as well as the Research objectives and topics have to be fulfilled independently from the award category.

A. Research Grants
The Foundation offers different research grant categories, some of them using a modular approach, i.e. the Pilot Grant Program represents actually the starting module for a later Full Grant Research Application. The eligibility criteria as well as the Research objectives and topics have to be fulfilled independently from the grant category.

- Training Grant (up to $20k)
- Pilot Grant (up to $20k)
- Full Grant (small / large) (up to $300k/3 yrs)
- Re-Entry Grants (up to $50k)

B. Institutional Support
Institutional support involves the support of research or educational projects in specific institutions in low- or lower-middle income countries which contribute to a focused development of capacity and know-how and human resource development in the corresponding institution.

C. enLINK Research grant program
The enLINK research grant program represents research projects initiated by the Nestlé Foundation. External researchers or institutions are invited by the Foundation to submit a research proposal in a specific area. All applications, including those of the enLINK research grant program will undergo internal and external reviewing.

54) The McKnight Endowment Fund for Neuroscience – Scholar Awards
• Deadline: January 7, 2019
• Amount: $225,000/3 yrs

The McKnight Endowment Fund for Neuroscience supports innovative research designed to bring science closer to the day when diseases of the brain can be accurately diagnosed, prevented, and treated. To this end, the McKnight Endowment Fund for Neuroscience invites applications for the 2019 McKnight Scholar Awards.

Background. These awards were established to encourage emerging neuroscientists to focus on disorders of learning and memory. Applicants for the McKnight Scholar Awards must demonstrate interest in solving important problems in relevant areas of neuroscience, including the translation of basic research to clinical neuroscience. Awards are given to exceptional young scientists who hold the M.D. and/or Ph.D. degree and who are in the early stages of establishing an independent laboratory and research career. Traditionally, successful candidates have held faculty positions for at least one year. For the names of previous recipients and their projects, click here

Amount and purpose of support. Each McKnight Scholar will receive $75,000 annually in 2019, 2020, and 2021. Funds may be used in any way that will facilitate development of the Scholar’s research program, but not for indirect costs.

55) Hearing Health Foundation
• Deadline: January 15, 2019
• Amount: up to $30,000

Since its inception in 1958, the Hearing Health Foundation has supported hearing and balance research elucidating the etiology, diagnosis and treatment, genetics, normal and abnormal function, mechanisms, and development of animal models. As the largest nonprofit funder of hearing and balance research, HHF awards emerging researchers grants to stimulate research that leads to a continuing, independently fundable line of research.

As part of this mission, the foundation is seeking applications for new avenues in a number of areas of hearing and balance science, including central auditory processing disorders, hearing loss in children, hyperacusis, Meniere's disease, stria, tinnitus, and Usher syndrome. HHF also encourages applications in the areas of general hearing health, including the physiology of hearing and balance; the epidemiology of auditory and vestibular disorders; human otopathology; the diagnosis, treatment, and prevention of hearing loss and balance disturbance; human genetics and mouse models of peripheral and central auditory/balance dysfunction; innovation in cellular and molecular therapies; and auditory and vestibular implants and hearing aids.

Through the program, the foundation will award one-year grants of up to $30,000. Early-career scientists working in the field of hearing and balance are encouraged to apply.

56) Foundation for Innovative New Diagnostics (FIND)
• Deadline: January 31, 2019
FIND (Foundation for Innovative New Diagnostics) is an international non-profit organization that enables the development and delivery of much-needed diagnostic tests for poverty-related diseases, including tuberculosis, malaria, HIV/AIDS, sleeping sickness, hepatitis C, leishmaniasis, Chagas disease, Buruli ulcer, febrile illnesses and infectious diseases with outbreak potential, such as Ebola.

FIND acts as a bridge between experts in technology development, policy and clinical care, reducing barriers to innovation and effective implementation of diagnostic solutions in low- and middle-income countries.

This Call for trial partners is issued by FIND to solicit applications for trials aimed towards evaluating the performance of Fujifilm SIvAMP TB LAM for the detection of tuberculosis (TB) in people living with HIV (PLHIV).

57) The ASXL Rare Research Endowment Foundation
- **Deadline:** rolling
- **Amount:** up to $100,000

The ASXL Rare Research Endowment Foundation conducts biannual calls for research proposals. Applications are accepted on a continual basis for subsequent review and decisioning within 6 months of submission. One- or two-year grants will be awarded for various amounts of up to $100,000 per year.

Highest priority will be given to pilot projects to test new ideas about pathogenesis and therapeutics of ASXL congenital syndromes and clinical research studies. Of particular interest to the ARRE are studies related to respiratory illness, cyclic vomiting, seizures, sleep issues, and identification of treatments that impact the daily life of people with ASXL syndromes and their families.

58) The Foundation for Anesthesia Education and Research
- **Deadline:** rolling deadline
- **Amount:** $75,000

**Transition to Independence Grant -**

A one-year grant intended for individuals who have completed work on a FAER-funded Mentored Research Training Grant within the past two years, and are in the process of revising and resubmitting an application for new independent research funding (R01/21, VA Merit, AHRQ or equivalent).

59) Hearst Foundations
- **Deadline:** rolling
- **Amount:** average is $50,000

The Hearst Foundations assist leading regional hospitals, medical centers and specialized medical institutions providing access to high-quality healthcare for low-income populations. In response to the shortage of healthcare professionals necessary to meet the country’s evolving needs, the Foundations also fund programs designed to enhance skills and increase the number of practitioners and educators across roles in healthcare. Because the Foundations seek to use their funds to create a broad and enduring impact on the nation’s health, support for medical research and the development of young investigators is also considered.

**PREFERENCE WILL BE GIVEN TO:**

- Professional development
- Programs improving access to high-quality healthcare for low-income populations
- Programs developing and providing specialized care for the complex needs of elderly populations
- Programs scaling innovative healthcare delivery systems to provide efficient, coordinated care
- Research, particularly related to finding new cures and treatments for prevalent diseases, such as cancer

60) UBS Optimus Foundation
- **Deadline:** rolling

The UBS Optimus Foundation is an independent non-profit philanthropic organization established by UBS AG in 1999. The foundation supports high-quality, innovative, impactful projects around the world focusing on three core areas for children: health, early education and protection.

61) New Jersey Autism Center of Excellence (NJACE) at Rutgers
- **Deadline:** November 16, 2018
- **Amount:** $10,000

The New Jersey Autism Center of Excellence (NJACE) is pleased to offer the NJ Governor’s Council Faculty Scholarship. The scholarship is a 1-year funding opportunity for faculty to enhance or develop course or curricular materials that address autism spectrum disorder (ASD).
The goal of these courses/curricula is to expand the pool of health/allied health professional students trained to provide effective diagnostic, therapeutic, consultative or supportive service to people with ASD.

Funding in the amount of up to $10,000 is available for one academic year. This opportunity is open to faculty from relevant clinical disciplines including, but not limited to medicine, nursing, clinical genetics, nutrition, social work, psychology, occupational therapy, speech-language pathology, etc. One scholarship is available per academic year. Faculty from all 4-year undergraduate, graduate, or professional programs (residency, fellowships) of higher education in New Jersey are invited to apply (see attached application).