

Bringing in the Research Dollars! (BiRD)



Highlighting Pediatric Research Funding Opportunities

Brought to you by: The Emory+Children's Pediatric Research Center

Contact stacy.heilman@emory.edu with questions on the funding opportunities highlighted below or for general research grant application advice.

BiRD Highlights

- ❖ **Health Care Delivery Research** examining the [effects of discrimination](#) and towards [enhancing patient safety through safe medication use](#)
- ❖ **Health IT** related funds to assess the [needs and use of IT in clinical decision making](#) and in [using IT to improve quality](#)
- ❖ Supporting **novel and high impact research** in [Neuroscience](#) and [IBD](#)
- ❖ Funds to support [patient-centered randomized control trials](#) addressing high impact areas leveraging existing clinical practice settings and electronic resources
- ❖ Funds for [device development in collaboration with engineers and scientists in India](#), for [development of pediatric formulations and drug delivery systems](#) and for [development of microfluidic devices to analyze blood for factors related to pediatric and neonatal conditions](#)
- ❖ **Multidisciplinary research efforts** in the [effects of sepsis on blood and vascular system responses](#) and in [HIV related heart, lung and blood diseases](#)
- ❖ Foundation funding focused on [issues impacting children from birth to age 3](#), for [brain cancer research](#), for [clinical research projects related to CF](#) and for research towards [improving health care practice](#)
- ❖ **Career development opportunities** to [foster accelerated entry into an independent research career](#), for research in [any field that might impact](#)

asthma and to support research in the fields of nephrology and related disciplines

- ❖ Institutional ACTSI KL2 career development applications and Emory Vaccinology Training Program T32 applications now being accepted
- ❖ **General local and institutional pilot funds** available for a variety of general research efforts, to support the development and testing of pediatric devices and offering an opportunity to collect preliminary data using the research imaging facilities at the Center for Systems Imaging featuring the new mock scanner in a child friendly environment
- ❖ **Targeted pilot funds** available for examining the role of the environment on human disease, to stimulate research in GI or hepatology-related areas and to support research into the relationship of the gut microbiota to digestive health and disease

Federal

Program/Link **The Effect of Racial and Ethnic Discrimination/Bias on Health Care Delivery (R01)**
<http://grants.nih.gov/grants/guide/pa-files/PA-11-162.html>

Purpose

This funding opportunity announcement (FOA) encourages the submission of research project grant applications from institutions/organizations that propose to: (1) improve the measurement of racial/ethnic discrimination in health care delivery systems through improved instrumentation, data collection, and statistical/analytical techniques; (2) to enhance understanding of the influence of racial/ethnic discrimination in health care delivery and its association with disparities in disease incidence, treatment, and outcomes among disadvantaged racial/ethnic minority groups; and (3) to reduce the prevalence of racial/ethnic health disparities through the development of interventions to reduce the influence of racial/ethnic discrimination on health care delivery systems in the United States.

Studies should address at least one the following:

- Employ new, novel, or innovative methods for measuring the prevalence, cause and effects of racial/ethnic discrimination/bias, explanatory mechanisms that lead to discriminatory behavior or mediating factors and processes in healthcare delivery systems;
- Directly examine the prevalence of racial/ethnic discrimination/bias or patient perception of racial/ethnic discrimination against racial/ethnic minority patients;
- Examine the prevalence of negative perceptions/or stereotypes that providers may have of racial/ethnic minority patients that may influence referral and/or receipt of appropriate healthcare services;
- Examine private, governmental, or public institutional policies or practices that may negatively and disproportionately impact racial/ethnic minority receipt of appropriate healthcare services;

Funds Available Application budgets are not limited, but need to reflect actual needs of the proposed project. A maximum of 5 years may be proposed.

Deadline 2/5/14; AIDS Applications: 1/7/14 and 5/7/14

Remarks

- Companion FOA's:
 - R21 Exploratory/Developmental Grant
<http://grants1.nih.gov/grants/guide/pa-files/PA-11-163.html>
 - R03 Small Grant Program Grant
<http://grants1.nih.gov/grants/guide/pa-files/PA-11-164.html>
- Participating organizations include National Cancer Institute (NCI) & National Heart, Lung and Blood Institute (NHLBI)
- For this FOA, NHLBI is only interested in receiving applications for studies that have an intervention component.

Program/Link **Understanding Clinical Information Needs and Health Care Decision Making Processes in the Context of Health Information Technology (IT) (R01)**
<http://grants.nih.gov/grants/guide/pa-files/PA-11-198.html>

Purpose To fund research aimed at elucidating the nature of cognition, task distribution, and clinical work in various health care delivery settings. Research projects funded under this FOA will address current knowledge gaps regarding our understanding of health care providers' information needs and health care decision making processes, both individually and collectively, and as a health care team (composed of doctors, nurses, therapists, and administrative staff).

Research Areas of Interest. This FOA is focused on four areas of interest:

1. The nature of clinical work in context;
2. The nature of clinical expertise in individual and team decision making;
3. The nature of data visualization to support skill-based, rule-based, and knowledge-based cognitive control for the health care team; and
4. Understanding how the health care team manages missing data or data of questionable validity or accuracy when making health care decisions.

Funds Available The total costs for a grant awarded under this FOA will not exceed \$500,000 per year for a project period of up to five (5) years.

Deadline 2/5/14 and 6/5/14

Remarks

- Issued by AHRQ
- See RFA for special application page limitations
- Research proposals should draw from many fields and domains such as system sciences (e.g., operations research including stochastic and deterministic approaches, workflow modeling, system dynamics, quality engineering, and human factors engineering) and sociotechnical systems research. Other fields that have the potential to contribute include cognitive psychology and decision science

Program/Link **Exploratory and Developmental Grant to Improve Health Care Quality through**

Health Information Technology (IT) (R21)

<http://grants.nih.gov/grants/guide/pa-files/PA-14-001.html>

Purpose	<p>To fund exploratory and developmental research grants that will contribute to the evidence base of how health IT improves health care quality. This FOA supports the use of a wide variety of research designs in order to generate information regarding the design and development, implementation, use, or impact of health IT on quality. Depending on the research design and intent of the project, applicants may receive support for: (1) pilot and feasibility or self-contained health IT research projects; (2) secondary data analysis of health IT research; or (3) economic (prospective or retrospective) analyses of a health IT project. Each grant application must clearly state which type of the three types of studies is being proposed.</p> <p>This FOA is focused on five research areas of interest that are needed to support health care quality and are considered part of a continuous quality improvement process. The five research areas of interest for this FOA are:</p> <ol style="list-style-type: none">1. Design2. Implementation3. Use4. Impact on outcomes5. Measurement
Funds Available	<p>The total costs (direct and indirect) for a project awarded under this FOA will not exceed \$200,000 in any given year or \$300,000 for the entire project period. The project period may not exceed 2 years.</p>
Deadline	<p>Standard NIH Deadlines*</p>
Remarks	<p>➤ See FOA for specific definition of Health Information Technology as it relates to this call.</p>

Advancing Patient Safety Implementation through Safe Medication Use Research (R18)

<http://grants.nih.gov/grants/guide/pa-files/PA-14-002.html>

Purpose	<p>To fund investigative research demonstration projects that examine the effective implementation of processes, policies, and behaviors that support safe use of medication as well as its sustainment and dissemination. This perspective centers on how medications move through the health care system and how this systemic process can be improved so that patients are not harmed, while health care delivery is improved. The PS Portfolio encourages the involvement of all members of the health care team, especially patients, and families; nurses, pharmacists, technicians (pharmacy and medication administration technicians), health care administrators, risk managers, and physicians) across all settings of care (including in the home) as well as the home).</p>
Funds Available	<p>The total costs (direct and indirect) for a project awarded under this FOA will not exceed \$500,000 in any given year and/or \$1,500,000 for the entire project period. Project period may not exceed 3 years.</p>
Deadline	<p>Standard NIH deadlines*</p>

- Remarks**
- The R18 mechanism is a Research Demonstration and Dissemination Project and is intended to provide support designed to develop, test, and evaluate health service activities, and to foster the application of existing knowledge for the control of categorical diseases.
 - Research demonstrations must include the patient as a vital, if not central, part of their research efforts.

Program/Link **Exceptional Unconventional Research Enabling Knowledge Acceleration (EUREKA) for Neuroscience and Disorders of the Nervous System (R01)**
<http://grants.nih.gov/grants/guide/rfa-files/RFA-MH-14-214.html>

Purpose Seeks applications addressing exceptionally novel hypotheses and/or remarkably difficult problems in neuroscience and disorders of the nervous system. This announcement is for support of new rather than ongoing projects, and is not intended for pilot research. The proposed research may have a high risk of failure, but it must promise results with especially high impact should it be successful. The research should be groundbreaking, innovative, original and/or unconventional, with the potential to solve important problems or open new areas for investigation.

Funds Available Support may be requested for up to \$800,000 in direct costs over a four-year period, prorated for shorter terms (\$600,000 for three years, \$400,000 for two years). Regardless of the term of support, direct costs may not exceed \$250,000 in any one year.

Deadline 2/3/14

- Remarks**
- Participating organizations include NIMH, NINDS, NIA and NIDA – see FOA for specific information regarding each institute’s mission and goals for this initiative

Program/Link **Low-Cost, Pragmatic, Patient-Centered Randomized Controlled Intervention Trials (UH2/UH3)**
<http://grants.nih.gov/grants/guide/rfa-files/RFA-HL-14-019.html>

Purpose Invites applications to plan and conduct low-cost, pragmatic randomized controlled trials (RCTs). Pragmatic RCTs seek to determine the effectiveness of an intervention in a real world setting. Trials proposed under this FOA should answer questions that are high impact to patients or health care providers, and must leverage existing clinical practice settings and/or existing electronic resources such as registries for the conduct of clinical trials. Trials must include features such as randomization at the point of patient care; data collection integrated into or obtained from routine clinical records or similar existing electronic resources; minimal eligibility criteria, and interventions delivered as part of routine clinical care.

The initial one-year UH2 phase of this mechanism will support the refinement of electronic and other existing resources, further development of study partnerships, and finalization of the trial protocol and manual. UH3 awards will be made after administrative review of UH2 awards that have met agreed upon

milestones. The four-year UH3 phase will support the conduct of the planned clinical trial.

Funds Available Application budgets are limited to \$350,000 in direct costs for the UH2 phase (1 year in length for this 1st phase) and \$500,000 in direct costs for each year of the UH3 phase (maximum of 4 years for this 2nd phase)

Deadline 1/23/14

Remarks

- Companion RFA includes an R01 for the Evaluation and Administration Coordinating Center of the U award: <http://grants.nih.gov/grants/guide/rfa-files/RFA-HL-14-020.html>
- Participating organizations are NHLBI, NIA, NIDCD, NIDA, NINR and NCCAM; See FOA for specific priorities for each organization.

Program/Link **Indo-US Collaborative Program on Affordable Medical Devices (R03)**
<http://grants.nih.gov/grants/guide/pa-files/PAR-13-390.html>

Purpose To (i) foster joint activities between US and Indian scientists on affordable diagnostic and therapeutic technologies, and (ii) address medical needs in low-resource settings, taking advantage of opportunities and technological advances, to aid the development of appropriate affordable medical devices. To address needs and opportunities, Indian and U.S. scientists will undertake a coordinated program that will involve collaborative, peer-reviewed research and technology development projects. Collaboration between engineers and scientists in the U.S. and India will be based on mutual benefit, trust, and a shared commitment to development of diagnostic or therapeutic technologies for people in low-resource settings.

Funds Available Budgets for direct costs of up to \$75,000 per year may be requested for a maximum of 2 years.

Deadline 1/23/14, 1/23/15, 1/22/16
(AIDS Deadlines: 5/7/14, 5/7/15, 5/7/16)

Remarks

- Participating institutes are NIBIB, NCI and NIAID (See FOA for specific priorities of each institute)
- The collaboration must involve a U.S. investigator (PD/PI) from an eligible U.S. institution and at least one Indian collaborator who is affiliated with an eligible Indian institution (either a non-profit or a Department of Scientific and Industrial Research (DSIR, India)-recognized academic institution as determined by Department of Biotechnology (DBT), India).

Program/Link **Development of a Microfluidic Platform for Blood Testing in Neonatal and Pediatric Patients STTR (R41)**
<http://grants.nih.gov/grants/guide/rfa-files/RFA-HL-14-025.html>

Purpose Encourages applications to develop microfluidic devices to analyze blood for factors related to the thrombotic, transfusion, and/or hemostatic status of pediatric/neonatal patients. Platforms should support clinical and/or research applications. Microfluidic designs that are multifunctional, with the capacity to

perform multiple assays on a single blood sample, are of interest. Use of these devices could significantly reduce levels of phlebotomy-induced blood loss in pediatric/neonatal patients.

Funds Available Budgets up to \$225,000 total costs for one year may be requested

Deadline 2/10/14

Remarks

- The R41 mechanism is a Small Business Technology Transfer (STTR) grant that must be awarded to a small business concern (SBC), but is designed to support cooperative R&D projects between SBC's and research institutions
- Companion FOA:
 - Small Business Innovation Research grant - <http://grants.nih.gov/grants/guide/rfa-files/RFA-HL-14-026.html>

Program/Link **Blood and Vascular Systems Response to Sepsis (R01)**
<http://grants.nih.gov/grants/guide/rfa-files/RFA-HL-14-028.html>

Purpose Soliciting applications to participate in Blood and Vascular Systems Response to Sepsis (BVSS) Program. The objective of this initiative is to foster multi-disciplinary research projects needed to unravel the cellular and molecular mechanisms underlying the development of severe endothelial dysfunction that contributes to sepsis-related coagulopathy and vascular collapse. To accomplish this goal, the initiative will support research partnerships to conduct multi-disciplinary research needed to dissect the mechanisms of blood and vascular systems in sepsis pathogenesis.

Funds Available Direct costs up to \$500,000 per year for a maximum of 5 years

Deadline 2/6/14

Remarks

- Only one application per institution is allowed, so if you are interested in applying, please contact stacy.heilman@emory.edu to discuss next steps
- **Special Note:** This initiative will utilize the multi-PD/PI mechanism to ensure a sepsis-focused multidisciplinary research approach. Applicants must propose a single project with at least two multi-disciplinary PDs/PIs. The research partnership could be across disciplines including hematology, cardiology, critical care, infectious diseases, cell biology, molecular biology, vascular biology, physiology, chemistry, biochemistry, microbiology, immunology, genetics and structural biology.

Program/Link **Development of Appropriate Pediatric Formulations and Pediatric Drug Delivery Systems (R01)**
<http://grants.nih.gov/grants/guide/pa-files/PAR-13-325.html>

Purpose Encourages grant applications to address different and complementary research needs for the development and acceptability of pediatric drug formulations in different age groups. Development and testing of novel pediatric drug delivery systems is also part of this initiative.

Specific areas of research interest under this FOA include, but are not limited to, the following (see FOA for additional bullet points):

- Development of innovative technologies and platforms for oral pediatric formulations for poorly soluble drugs, unpalatable drugs, and for drugs requiring reconstitutable dosage forms. These technologies include taste masking and the use of novel excipients;
- Use of a materials science approach to overcome solubility limitations of pediatric drugs, increase bioavailability, decrease excipient exposure, and provide effective taste masking;
- Evaluation of methods in current use for taste testing in children including their validity and reliability;
- Study of the effect in infancy of the functional ontogeny of the gastrointestinal tract and of feedings on the dissolution, solubilization and absorption of different types of pediatric dosage forms;
- Development of non-invasive devices for evaluating adherence to chronic therapy in life-threatening conditions (e.g., HIV, diabetes, asthma, solid organ transplant patients);
- Development of novel approaches for oral mucosal, transdermal, nasal, ocular and pulmonary drug delivery systems and device technologies

Funds Available Application budgets are not limited, but need to reflect the actual needs of the proposed project. Maximum project period is 5 years.

Deadline Standard NIH Deadlines*

- Remarks**
- Companion FOA's include:
 - R43 Small Business Innovation Research (SBIR) Grant - <http://grants.nih.gov/grants/guide/pa-files/PAR-13-345.html>
 - R41 Small Business Technology Transfer (STTR) Grant <http://grants.nih.gov/grants/guide/pa-files/PAR-13-346.html>
 - R03 Small Grant Program <http://grants.nih.gov/grants/guide/pa-files/PAR-13-344.html>
 - R21 Exploratory/Development Grant <http://grants.nih.gov/grants/guide/pa-files/PAR-13-326.html>

Program/Link **Basic Research in the Pathogenesis of HIV-Related Heart, Lung, and Blood (HLB) Diseases in Adults and Children (R01)**
<http://grants.nih.gov/grants/guide/rfa-files/RFA-HL-14-024.html>

Purpose Inviting basic research project grant (R01) applications to investigate the fundamental mechanisms underlying the pathogenesis of HIV-related heart, lung, and/or blood (HLB) diseases alone and in the context of antiretroviral therapy (ART). Investigations may be conducted on various primary cell types, biospecimens, computational models, and animal models, particularly those used for HIV research. The goal is to provide the critical basic science foundation and guide the design of new therapeutic approaches for HIV-related HLB conditions in adults and children.

Funds Available Application budgets are limited to a maximum of \$499,999 direct costs in any year and the maximum project period is 4 years.

Deadline 1/8/14; 5/8/14; 9/9/14; and 1/8/15

- Remarks**
- Each basic science application is strongly encouraged to use the multiple Program Director/Principal in order to provide strong leadership in basic research and expertise in HLB diseases and HIV infection. It is intended that applications will be multi-disciplinary and highly integrated. Inclusion of early stage investigators is highly encouraged.
 - Companion FOA:
 - R21 Exploratory/Developmental Grant - <http://grants.nih.gov/grants/guide/rfa-files/RFA-HL-14-029.html>
 - A similar FOA soliciting applications for **CLINICAL RESEARCH** in the Prevention, Diagnosis and Treatment of HIV-Related Heart, Lung and Blood Diseases in Adults and Children is also available: <http://grants.nih.gov/grants/guide/rfa-files/RFA-HL-14-023.html>

Foundation

Program/Link	The Gerber Foundation http://www.gerberfoundation.org/
Purpose	<p>The Gerber Foundation's mission focuses on the nutrition, care and development of infants and young children. Therefore, grant-making interests are focused on health and/or nutrition-related research having a significant impact on issues facing infants and young children from the first year before birth to age 3. The Foundation is particularly interested in fresh approaches to solving newborn or pediatric problems or emerging issues with a predictable time frame to clinical application. Projects should be focused on issues faced by care providers that, when implemented, will improve the health, nutrition and/or developmental outcomes for infants and young children. Projects may include:</p> <ul style="list-style-type: none"> • Etiologic mechanisms of disease • New, improved or less invasive diagnostic procedures • Reduction or elimination of side effects • Alleviation of symptoms • New, improved or less invasive therapies, care, or treatments • Dosage or dosing requirements or mechanisms for drugs, nutrient supplementation or other therapeutic measures (under or overdosing) • Preventative measures
Funds Avail	Awards and time periods vary depending upon the specific project. Research projects may be no longer than 3 years in length. Total grant size should be no more than roughly \$300,000.
Deadline	<p>For the May Grant Round:</p> <ul style="list-style-type: none"> · Concept papers: Due Dec 1, 2013 · Upon invitation, full proposals: Due Feb 15, 2014
Remarks	<ul style="list-style-type: none"> ➤ Foundation grants are not typically ongoing. Supported projects should have beginnings and endings, reasonable periods during which measurable progress or outcomes are accomplished. ➤ ~10% concept papers are invited to be submitted as full proposal submissions and between 75-90% of full proposals are funded

Program/Link	The Commonwealth Fund http://www.commonwealthfund.org/Grants-and-Programs.aspx
Purpose	The Fund supports independent research on health and social issues and makes grants to improve health care practice and policy. They dedicate funds towards helping people become more informed about their health care and improving care for vulnerable populations such as children, the elderly, low-income families, minorities, and the uninsured. Current programs include: <ul style="list-style-type: none"> • Health care coverage and access • Health care delivery system reform • Breakthrough health care opportunities • Other special initiatives
Funds Available	During fiscal year 2011–12, the median award amount for board-level grants, which are awards in amounts greater than \$50,000, was \$215,944. For small grants, in amounts less than or equal to \$50,000, the median award was \$33,506. Grant periods range from one month to a few years, depending on the scope of the project.
Deadline	Letter of inquiries are accepted on a rolling basis. Full proposals are to be submitted by invitation only.
Remarks	<ul style="list-style-type: none"> ➤ Invitations to submit full proposals are typically extended within 2 months of the LOI submission ➤ To view previously funded grants, go to http://www.commonwealthfund.org/Grants-and-Programs/Recent-Grants.aspx
Program/Link	Beez Foundation Research Grants http://www.beezfoundation.org/
Purpose	The Beez Foundation is a nonprofit, charitable organization focused on curing brain cancer through research, public awareness, and related support activities for pediatric brain cancer treatment. Grants are provided for brain cancer research projects designed to advance the treatment, cure, outcome, and etiology of pediatric brain cancer. The Foundation's particular interest is in the initial funding of projects that are likely to generate data that can be used in larger scale projects or studies.
Funds Available	\$20,000
Deadline	1/6/14
Remarks	<ul style="list-style-type: none"> ➤ Salary is not an allowable budget item
Program/Link	Cystic Fibrosis Foundation Therapeutics, Inc. (CFFT) http://www.cff.org/research/ForResearchers/FundingOpportunities/ClinicalResearchAwards/
Purpose	Cystic Fibrosis Foundation Therapeutics, Inc. (CFFT), the nonprofit drug discovery and development affiliate of the CF Foundation, offers competitive awards to

support clinical research projects directly related to CF treatment and care. Projects may address diagnostic or therapeutic methods related to CF or the pathophysiology of CF, and applicants must demonstrate access to a sufficient number of CF patients from CF Foundation-accredited care centers and to appropriate controls.

Funds Available	Up to \$100,000 per year (plus 8% indirects) for a maximum of three years may be requested for single-center clinical research grants. For multi-center clinical research, the potential award is up to \$225,000 per year (plus 8% indirects) for a maximum of three years.
Deadline	LOI's due Dec 1 and June 1 Applications to be submitted by invitation only
Remarks	<ul style="list-style-type: none"> ➤ LOI's must be submitted electronically at Proposal Central ➤ Investigators interested in applying for a Clinical Research Award may contact the Grants and Contracts Office for further information and/or to discuss the potential relevance of their research to the mission of CFFT and to the objectives of these programs.

Program/Link	Kenneth Rainin Foundation Health Innovator Awards http://krfoundation.org/health/innovator-awards/
Purpose	Supports research projects that are potentially transformative to diagnosing, treating and curing Inflammatory Bowel Disease (IBD). Funding criteria include: <ul style="list-style-type: none"> • Innovation • Scientific merit • Strong evidence of collaboration • Investigator capability to execute project They fund projects that, due to their innovative nature, may not be eligible for funding from the National Institutes of Health (NIH) or other more traditional sources.
Funds Available	\$100,000 for one year
Deadline	Letter of inquiry accepted online starting 1/15/14 and through 2/15/14 (applications to be submitted by invitation only)

Research Training & Career Development

Program/Link	American Asthma Foundation Scholar Awards http://www.americanasthmafoundation.org/
Purpose	The AAF Scholars Program is devoted entirely to early- to mid-career investigators who are within 10 years of their first independent faculty appointment. AAF funds innovative research by outstanding investigators from all fields that might impact asthma. Most of their awardees are studying asthma for the first time, bringing expertise and perspectives from a broad range of areas, including genetics, cell signaling, metabolism, crystallography, biochemistry, pharmacology and neurobiology, among others.
Funds Available	\$150,000 per year for two years (with the possibility of an additional \$150,000)

for a third year)

Deadline

2/14/14

Remarks

- The program supports work in all investigative fields that may reveal new pathways in the pathogenesis of asthma. Studies may involve laboratory or clinical investigation, including genetic and epidemiological studies. Studies of humans are encouraged.
- The Program does not sponsor therapeutic trials.

Program/Link

ACTSI Mentored Clinical & Translational Research Scholars Program

<http://www.actsi.org/areas/retcd/kl2/index.html>

Purpose

To support career development for junior faculty (MD, PhD or MD/PhD) from a wide variety of disciplines at Emory University, Morehouse School of Medicine (MSM) and Georgia Institute of Technology (Georgia Tech) to become independent, established and ethical clinical and/or translational research investigators. Didactic research training is provided through the required [MSCR](#) program and mentored research training under the direction of an established, federally-funded clinical investigator at one of the collaborating institutions.

Funds Available

Salary support for 75% of professional time (50% is allowed for trainees from surgery or surgical subspecialties) on clinical and/or translational research and research training and a \$20,000 technical budget for research-related expenses and tuition for the Master of Science in Clinical Research degree curriculum.

Deadline

3/1/14

Remarks

- Each KL2 scholar accepted into the KL2-MCTRS program must submit a mandatory NIH K23 Mentored Patient-Oriented Research Career Development Award or equivalent NIH K award (e.g. K01, K08) grant application by the end of their first 12 months of KL2 funding

Contact stacy.heilman@emory.edu for K library materials and other K application related information to assist in creating a competitive KL2 application.

Program/Link

NIH Director's Early Independence Awards (DP5)

<http://grants.nih.gov/grants/guide/rfa-files/RFA-RM-13-009.html>

Purpose

An opportunity for exceptional junior scientists, who have already established a record of innovation and research productivity, to have an accelerated entry into an independent research career. Exceptional graduate students or clinicians nearing the completion of their PhD (or equivalent) or for clinicians (MD or equivalent) the end of their medical residency may contact appropriate Institutional scientific leaders (per the internal application process outlined below) to seek an appointment as an independent research scientist. The applicant institution will be expected to provide substantial support for the junior scientist as detailed below. By the end of the award period, the Early Independence investigator is expected to be competitive for continued funding of his/her research program and for a permanent research position.

Funds Available	\$250,000 direct costs per year for a maximum of 5 years.
Deadline	Internal deadline: 12/5/13 (Agency Deadline is 1/31/14, but must first compete in an internal process)
Remarks	<ul style="list-style-type: none"> ➤ Interested applicants must submit an abstract of their proposed projects (not to exceed 2 pages) and an NIH-style biosketch to Holly Sommers via e-mail (hsomme2@emory.edu) by no later than the internal deadline above for consideration ➤ At the time of application: <ul style="list-style-type: none"> ○ The Early Independence investigator must be within twelve months before or after the completion of their PhD (or equivalent) or for clinicians within twelve months before or after the completion of their medical residency (or equivalent) training. ○ The Early Independence investigator must not have served as a post-doctoral fellow following a previous doctoral degree for more than one year.

Program/Link	National Kidney Foundation Young Investigator Grant http://www.kidney.org/professionals/research/pdf/2014YIinstructions.pdf
Purpose	The purpose of the Young Investigator Grant Program is to support research in the fields of nephrology, and related disciplines by individuals who have completed fellowship training and who hold junior faculty positions at university-affiliated medical centers in the United States. The applicant's research and career goals must be directed to the study of normal or abnormal kidney function or of diseases of the kidney and urinary tract.
Funds Available	\$20,000 for one year
Deadline	2/3/14
Remarks	<ul style="list-style-type: none"> ➤ At the time funding begins (July 1, 2014), the applicant must hold a full-time appointment to a faculty position ➤ Awarded to individuals no later than 4 years after initial faculty appointment

Program/Link	Emory Vaccinology Training Program (VTP) NIH T32 http://medicine.emory.edu/VTP-T32
Purpose	The Emory Vaccinology Training Program (VTP) will have 3 post-doctoral fellow positions (MD, PhD or MD-PhD) open for occupancy in May 2014. Trainees will perform a mentored vaccinology research project with a VTP faculty member in one of five areas: <ul style="list-style-type: none"> • Pathogenesis and Vaccine Discovery; • Innate and Adaptive Immunity to Antigens; • Translation, Delivery, and Clinical Trials; • Vaccine Epidemiology and Health Policy;
Funds Available	Funding for: <ol style="list-style-type: none"> 1) An annual stipend at the appropriate NIH-specified level based on years of postdoctoral experience

- 2) A travel allotment for attendance/presentation of research results at a national vaccine-related conference
- 3) Tuition relating to required course-work: i.e., two graduate-level vaccinology courses entitled: "Vaccines and Vaccine Preventable Diseases" and "Immunization Programs and Policies"; and a third course, Ethics in Research

Deadline 12/20/14

Remarks ➤ Before applying, potential candidates should contact Dianne Miller, Program Coordinator at (404) 712-2467 or at dmill06@emory.edu, who will schedule a preliminary discussion with the VTP Program Director, Dr. Mark J. Mulligan.

Pilot/Seed Fund Opportunities

Program/Link **Atlantic Pediatric Device Consortium – Pilot Competition**
<http://pediatricdevicesatlanta.org/innovation-competition>

Purpose APDC is seeking proposals from inventors in medical institutions, private practices, the business community, and academic researchers who have medical device concepts or ideas for use with pediatric patients. Proposals should address a significant pediatric problem with device ideas ready to progress from an initial concept that addresses an unmet need toward a commercially viable product.

The proposal should be directed towards development of a commercializable product, not research of a scientific concept. Issues such as prototyping, manufacturing, marketing, and regulatory clearance will be paramount and should be addressed explicitly.

Funds Available Range \$5,000 - \$50,000

Deadline Phase 1 electronic application due: Dec 16, 2013
 Phase 2 invited project presentation (upon invitation only): Feb 1, 2014

Remarks ➤ See url for complete program information and application instructions.
 ➤ Projects that are past the prototype phase of development are a funding priority.

Program/Link **Pediatric Medical Imaging Research Resource Pilot**
<http://corelabs.emory.edu/csi/equipment/index.html>

Purpose The program is designed to foster innovation and develop new, funded research initiatives utilizing the resources at CSI/BTSI, including MRI, PET, microPET, microCT, and optical multispectral imaging. Successful applications will receive access to applicable scanning services towards collecting preliminary data needed to submit for extramural funding. In addition to scientific merit, Pilot Study proposals must show technical feasibility and potential for leading to or enabling future funded research. The award of scanner time is based on the minimum data needed to demonstrate feasibility or preliminary studies for funding applications, and not time needed for publications or a study completion.

Available resources include a mock MRI scanner, MRI, PET, microPET, microCT, and optical multispectral imaging. See website url above for full resource descriptions.

- Funds Available** Pilot funding may be requested for scanner time and radiopharmaceutical production at CSI/BITC, along with limited data analysis. Pilot funding is not provided for volunteer payments, laboratory or other ancillary studies, or other research expenses.
- Deadline** No set deadline; applications accepted on a rolling basis
- Remarks**
- Proposals should be submitted in NIH-style format (no more than 5 pages) and provide sufficient detail to enable evaluation of scientific merit.
 - Contact Dr. John Votaw, Director, CSI at jvotaw@emory.edu with questions

Program/Link **University Research Committee**
http://www.urc.emory.edu/assets/documents/13_14URCApp.pdf

Purpose The University Research Committee announces the call for proposals for the spring 2014 funding cycle of regular URC and URC-ACTSI (Atlanta Clinical and Translational Science Institute) grants. Proposals should be submitted under one of the following application categories: Biological and Health Sciences (ACTSI or Regular); Humanities; Math & Natural Sciences; Social Sciences; Visual and Performing Arts; and Interdisciplinary.

Funds Available \$30,000 for 1 year

Deadline 1/17/14

- Remarks**
- Joint-proposals by two full-time Emory faculty members, and interdisciplinary proposals are encouraged; in those cases, a team should pick the "interdisciplinary" category.
 - Please direct any questions or requests for additional information to Ling Guo, University Research Committee Coordinator, 2-7438 or lguo@emory.edu

Program/Link **Hercules Exposome Research Center Pilot Project Announcement**

Purpose Grants must focus on the role of the environment in human disease, and may include basic, biomedical, translational, clinical, epidemiological or behavioral projects, e.g. studies on specific environmental toxicants or gene-environment interactions. Projects with translational relevance (clinical or population-based); applications from early-career investigators; and collaborative and interdisciplinary projects are particularly encouraged.

Funds Available Up to \$35,000

Deadline 2/1/14

- Remarks**
- Applications must be 4 pages maximum in length for science portion; pdf of entire application should be submitted to Kristine Dennis at

kkdenni@emory.edu

- Applicants must hold a faculty position and be eligible to be PI on an NIH R01 grant
- Questions can be directed to Dr. Edward Morgan at etmorga@emory.edu

Program/Link	AGA-Elsevier Pilot Research Award http://www.gastro.org/aga-foundation/grants/established-investigator-awards/elsevier-pilot-research-award
Purpose	The objective of this award is to provide non-salary funds for new investigators to help establish their research careers or to support pilot projects that represent new research directions for established investigators. The intent of this award is to stimulate research in gastroenterology- or hepatology-related areas by providing time for investigators to obtain new data that can ultimately lead to subsequent grant applications for more substantial funding and duration.
Funds Available	\$25,000 for one year
Deadline	1/17/14
Remarks	<ul style="list-style-type: none">➤ Candidates for this award must hold an MD, PhD or equivalent degree (e.g. MB, ChB, MBBS, DO) and a full-time faculty position at an accredited North American institution.➤ Candidates may not hold awards directly related to the proposed research from other agencies.➤ AGA membership is required at the time of application submission.

Program/Link	AGA-Elsevier Gut Microbiome Pilot Research Award http://www.gastro.org/aga-foundation/grants/aga-elsevier-gut-microbiome-pilot-research-award
Purpose	<p>The objective of this award is to provide investigators non-salary funds to help establish their research careers or support pilot projects that represent new research directions. The intent of the award is to stimulate research into the relationship of the gut microbiota to digestive health and disease by providing time for investigators to obtain new data that can ultimately lead to subsequent grant applications for more substantial funding and duration.</p> <p>The recipient will be selected based on novelty, importance, feasibility, environment and the overall likelihood that the project will lead to subsequent, more substantial grants in gut microbiome research.</p>
Funds Available	\$25,000 for one year
Deadline	1/17/14
Remarks	<ul style="list-style-type: none">➤ Candidates for this award must hold an MD, PhD or equivalent degree (e.g. MB, ChB, MBBS, DO) and a full-time faculty position at an accredited North American institution.➤ Candidates may not hold awards directly related to the proposed research from other agencies.

- AGA membership is required at the time of application submission.

***NIH STANDARD DUE DATES CITED ABOVE**

	Cycle I	Cycle II	Cycle III
Mechanism(s)	Due Date	Due Date	Due Date
P Series ALL – new, renewal, resubmission, revision	25-Jan	25-May	25-Sept
R01 NEW <i>renewal, resubmission, revision</i>	5-Feb <i>5-Mar</i>	5-Jun <i>5-Jul</i>	5-Oct <i>5-Nov</i>
R18/U18 R25 <i>All - new, renewal, resubmission, revision</i>	25-Jan	25-May	25-Sept
G12, M01, R10/U10, R24, R24/U24, S06, U19, U45, U54, U56 <i>All - new, renewal, resubmission, revision</i>	25-Jan	25-May	25-Sept
R41, R42, R43, R44, U43, U44, <i>All - new, renewal, resubmission, revision</i>	5-April	5-Aug	5-Dec
R03, R21, R34 NEW <i>renewal, resubmission, revision</i>	16-Feb <i>16-Mar</i>	16-Jun <i>16-Jul</i>	16-Oct <i>16-Nov</i>
K series NEW <i>renewal, resubmission, revision</i>	12-Feb <i>12-Mar</i>	12-Jun <i>12-Jul</i>	12-Oct <i>12-Nov</i>
All AIDS and AIDS-Related Applications (for mechanisms cited above) <i>All - new, renewal, resubmission, revision</i>	7-May	7-Sept	7-Jan

For the full schedule of NIH standard due dates, see
<http://grants1.nih.gov/grants/funding/submissionschedule.htm>



ABOUT THE BIRD:

This compilation of general interest funding opportunities and announcements with possible collaborative potential is distributed to our pediatric research community. It is compiled by the Emory+Children's Pediatric Research Center to disseminate funding announcements of potential interest in a consolidated manner. More specific announcements are distributed in a more targeted fashion.

If you are not receiving this directly from Stacy Heilman and wish to be added to our Pediatric Research listserv, please e-mail stacy.heilman@emory.edu to make the request. Please also contact Stacy if you are interested in applying for any pediatric focused research funding opportunities and/or if you are working towards building collaborative efforts and programs towards applying for pediatric research funding in the future.