

Bringing in the Research Dollars! (BiRD)



**Presented by:
The Emory+Children's Pediatric Research Center**

The monthly BiRD announcement highlights
pediatric research funding opportunities

To learn more about our
Grant Editing and Biostatistical Support Cores
that provide fully subsidized services for efforts
towards acquiring extramural research grant support,
visit our website at www.pedsresearch.org

July 2011 BIRD highlights

Grant opportunities:

- A special note about [RFA grant mechanisms](#)
- [Obesity and Asthma R01](#) opportunity and [more information](#) on the previously highlighted Virtual Reality Technologies for research in Obesity & Diabetes
- Neonatal research opportunities related to [resuscitation](#), the use of [safe & effective devices in NICU's](#) and [patient safety research during neonatal care](#)
- HIV research evaluating impact on [perinatally HIV-infected youth in Africa and Asia](#), towards [innovative HIV vaccine discovery](#) and to explore the mechanisms for [HIV persistence and the potential for HIV eradication](#)
- NIAID sponsored research for [high-risk clinical trials](#), and [program project grants](#)
- Specialized grants for [high-end instrumentation](#) and [NICHD sponsored institutional T15 training program](#)
- Cooperative studies related to [autoimmune disease prevention](#) and [point-of-care technologies research](#)
- Funds for [extremely high impact epilepsy research](#)
- Cardiovascular/Neurovascular opportunities [for transcontinental collaborative research](#) and towards [career development](#)
- Seed grant opportunities for [health systems](#) related research, [regenerative medicine](#), [pediatric nursing](#) research and [social neuroscience](#) research
- Department of Defense sponsored [autism research](#)

Other related information and announcements:

- [SBIR/STTR Seminar](#) Announcements
- Extramural Loan Repayment Program [information](#)

- AHRQ intent to support health IT related [career development awards](#)

GENERAL FEDERAL/COLLABORATIVE POTENTIAL

Program/Link **Obesity and Asthma: Awareness and Management (R01)**

<http://grants.nih.gov/grants/guide/pa-files/PA-11-245.html>

- Purpose** The purpose of this funding opportunity announcement issued by the National Institute of Nursing Research is to stimulate research to examine the interconnections of asthma and obesity. The prevalence of both asthma and obesity have significantly risen in the past few decades. Although the association between these 2 conditions has been found in many studies, the exact mechanisms for how this association arises are unresolved. Because both of these conditions have their beginnings in early life, an aspect of the association between them that requires more understanding is their common exposures in early life. Studies that investigate the molecular pathways linking asthma and obesity are encouraged. In addition, intervention studies targeting asthma or obesity and their effects on each one, and possible mechanisms of action are encouraged.
- Funds Avail** Application budgets are not limited, but need to reflect actual needs of the proposed project. The maximum period is 5 years.
- Deadline** Standard NIH Deadlines*
- Remarks**
- Studies that investigate the molecular pathways linking asthma and obesity and intervention studies targeting asthma or obesity and their effects on each one, and possible mechanisms of action are encouraged.
 - This PA is supported by the National Institute of Nursing Research

Program/Link **Studies in Neonatal Resuscitation (R01)**

<http://grants.nih.gov/grants/guide/pa-files/PAR-11-222.html>

- Purpose** The purpose of this FOA is to stimulate research on a wide range of topics related to neonatal resuscitation. Possible topics may include, but are not limited to: fetal-neonatal transitional cardiovascular and pulmonary physiology, optimizing steps of resuscitation, management of third stage of labor and its effect on the fetus, resuscitation of children with malformations, and effect of resuscitation on long-term outcomes. Proposals can include epidemiological studies, studies utilizing fetal-neonatal animal models, computer or other information-technology-based simulations or study designs, clinical observational studies, analyzes of pre-existing national or regional datasets, prospective randomized controlled trials, or any combinations thereof. It is anticipated that the results from well conducted studies will enable translation of knowledge into evidence-based resuscitation practices ensuring a smooth neonatal transition for a healthy beginning, and lay a foundation for optimal short- and long-term outcomes for all newborn infants.
- Funds Avail** Application budgets are not limited, but need to reflect actual needs of the proposed project. The total project period for an application submitted in

response to this funding opportunity may not exceed 5 years.

Deadline

September 19, 2011, September 19, 2012, September 19, 2013

Remarks

- Companion RFA's include
 - R21, Exploratory/Developmental Grant - <http://grants.nih.gov/grants/guide/pa-files/PAR-11-224.html>
 - R03, Small Grant Program - <http://grants.nih.gov/grants/guide/pa-files/PAR-11-223.html>
- NICHD is the participating organization

Program/Link Patient Safety Research During Neonatal Care (R01)

<http://grants.nih.gov/grants/guide/pa-files/PAR-11-225.html>

Purpose

This FOA encourages a wide range of collaborative research projects related to patient safety in the context of both routine as well as intensive newborn care. The FOA welcomes proposals related to (but not limited to): the epidemiology of various domains of medical errors and consequent patient harm; assessing the factors at various levels that contribute to such errors; and intervention strategies at individual, systems, and institutional-levels to help reduce and eliminate medical errors in the context neonatal care. It is anticipated that knowledge gained from these projects will help develop strategies to deliver highest quality of healthcare to all newborn infants with utmost safety and effectiveness. The field and scope of the research proposals sought include, but are not limited to:

- Epidemiology of errors and adverse events in the setting of neonatal intensive care
- Medication errors
- Diagnostic errors
- Human factor and fatigue
- Other working conditions and systems issues
- Risk reduction and disclosure practices

Funds Avail

Application budgets are not limited, but need to reflect actual needs of the proposed project. Project periods may not exceed 5 years.

Deadline

September 19, 2011, September 19, 2012, September 19, 2013

Remarks

- Companion RFA's include:
 - R21, Exploratory/Developmental - <http://grants.nih.gov/grants/guide/pa-files/PAR-11-227.html>
 - R03, Small Grant Program - <http://grants.nih.gov/grants/guide/pa-files/PAR-11-226.html>

Program/Link High-End Instrumentation Grant Program (S10)

<http://grants.nih.gov/grants/guide/pa-files/PAR-11-228.html>

Purpose

The NCCR High-End Instrumentation Grant (HEI) program encourages applications from groups of NIH-supported investigators to purchase a single

major item of equipment to be used for biomedical research that costs at least \$750,000. The maximum award is \$2,000,000. Instruments in this category include, but are not limited to, structural and functional imaging systems, macromolecular NMR spectrometers, high-resolution mass spectrometers, cryoelectron microscopes and supercomputers.

- Funds Avail** Awards are made for one year and for direct cost of the instrument only. Instrument cost must be in the range of \$750K - \$2M. An instrument with a base cost of less than \$750K will not be considered.
- Deadline** September 19, 2011
- Remarks** ➤ The NCRR intends to commit approximately \$20 million in FY2012 to fund approximately 10-15 new awards.

Program/Link NIAID Investigator Initiated Program Project Applications (P01)

<http://grants.nih.gov/grants/guide/pa-files/PAR-10-271.html>

- Purpose** The proposed programs may address scientific areas relevant to the NIAID mission including the biology, pathogenesis, and host response to microbes, including HIV; the mechanisms of normal immune function and immune dysfunction resulting in autoimmunity, immunodeficiency, allergy, asthma, and transplant rejection; and translational research to develop vaccines, therapeutics, and diagnostics to prevent and treat infectious, immune-mediated, and allergic diseases. Each P01 application submitted in response to this FOA must include at least two related research projects that share a common central theme, focus, and/or overall objective.
- Funds Avail** Because the nature and scope of the proposed research will vary from application to application, it is anticipated that the size and duration of each award will also vary. Applicants may request support for up to 5 years.
- Deadline** Standard NIH Deadline Dates*
- Remarks** ➤ The P01 is a confederation of interrelated research projects, each capable of standing on its own scientific merit but complementing one another. P01 applications submitted in response to this FOA must include at least two related research projects that share a common central theme, focus, and/or overall objective.
- In addition to individual research projects applicants may propose one or more shared resource cores if needed for the proposed research. Each shared resource core must be utilized by two or more projects within the program.

Program/Link NIAID Clinical Trial Implementation Cooperative Agreement (U01)

<http://grants.nih.gov/grants/guide/pa-files/PAR-11-234.html>

- Purpose** The purpose of this Funding Opportunity Announcement (FOA) issued by the

National Institute of Allergy and Infectious Diseases (NIAID) is to invite applications that propose implementation of **investigator-initiated high-risk clinical trials**. The trials must be hypothesis-driven, related to the research mission of the NIAID and considered a high priority by the Institute. Investigators are encouraged to visit the NIAID website for additional information about the research mission and high-priority research areas of the NIAID [http://www3.niaid.nih.gov/about/whoWeAre/planningPriorities/.](http://www3.niaid.nih.gov/about/whoWeAre/planningPriorities/)) Only one clinical trial may be proposed in each NIAID Clinical Trial Implementation (U01) Cooperative Agreement application.

- Funds Avail** Because the nature and scope of the proposed research will vary from application to application, it is anticipated that the size and duration of each award will also vary. Application budgets are not limited, but need to reflect actual needs of the proposed project.
- Deadline** September 13, 2011; January 13, 2012; May 14, 2012; September 13, 2012; January 14, 2013
- Remarks**
- Investigators seeking support for the **planning and design** of clinical trials should refer to the NIAID Clinical Trial Planning (R34) Grant FOA – <http://grants1.nih.gov/grants/guide/pa-files/PAR-10-185.html>
 - Investigators seeking support **for non-high-risk clinical trials** should refer to the NIAID Clinical Trial Implementation (R01) Grant FOA- <http://grants1.nih.gov/grants/guide/pa-files/PAR-10-184.html>

A special not about RFA's...

Request for Applications (RFA's) Grant Mechanisms (of which several follow below) invite grant proposals in well-defined areas of research to accomplish a scientific program purpose at a specified funding level. They may be sponsored individually by one NIH Institute or Center or, frequently, by several Institutes and Centers that share a particular research interest. ***Applications submitted in response to RFA's are reviewed by specially convened review groups and compete with each other for the specified set-aside of funds.*** Because of this special review process and the opportunity to compete for set-aside funds, if your research idea is well-aligned with the stated purpose of the RFA, there may be a higher likelihood of funding. Carefully consider if an RFA might be right for you and contact the program officer for input.

Program/Link Innovation for HIV Vaccine Discovery (R01)

<http://grants.nih.gov/grants/guide/rfa-files/RFA-AI-11-018.html>

- Purpose** The purpose of this Funding Opportunity Announcement (FOA), is to encourage applications from institutions/organizations proposing innovative, high risk, high impact research to identify novel vaccine concepts and targets that will aid in the design and development of an effective immunogen that may provide long-term protection from acquisition of HIV. The emphasis of this FOA is early discovery research that incorporates new ideas leading to the development of new conventional or outside-the-box approaches for vaccines

that may have significant impact on the design of novel immunogens or immunization strategies for an effective HIV vaccine. The program is open to established and new investigators and does not require research expertise in HIV prevention as a prerequisite for submitting an application.

Funds Avail Application budgets are limited to \$350,000 per year in direct costs over a four year period. Applicants may request up to an additional \$150,000 in direct costs per year in any year when nonhuman primate research is proposed and justified. Maximum project duration is 4 years.

Deadline January 6, 2012

Remarks

- NIAID intends to commit an estimated total of \$3.0M in total costs in FY 2012 to fund 5-10 applications submitted in response to this FOA
- Although research involving human subjects (clinical research) is permitted, this FOA will not support clinical trials
- Animal model evaluation of a proposed hypothesis using HIV, SIV or pathogenic SHIV challenge is strongly encouraged during the award period

Program/Link **Perinatally HIV-Infected Youth In Africa and Asia (R01)**

<http://grants.nih.gov/grants/guide/rfa-files/RFA-HD-12-207.html>

Purpose This FOA issued by the *Eunice Kennedy Shriver* National Institute of Child Health and Human Development (NICHD), National Institutes of Health (NIH), invites grant applications from institutions/organizations for studies to evaluate the impact of HIV infection and its treatment on perinatally HIV-infected youth now surviving into adolescence and young adulthood in Africa and Asia.

Areas of research interest include but are not limited to the following:

- Prevalence, incidence, management and outcomes of antiretroviral drug resistance
- Neurodevelopmental, cognitive, academic, vocational, behavioral, and social outcomes; brain imaging correlates and other surrogate markers of these outcomes
- Adherence to medication regimens and medical care, transition to adult-based care
- Nutrition, growth, and metabolism
- Bone health
- Sexual maturation and health, reproductive capacity and choices, pregnancy outcomes and complications, and behaviors that pose risk for transmission of HIV
- Cardiovascular complications and cardiovascular disease risk; noninvasive imaging to assess risk of premature atherosclerosis and cardiac and vascular dysfunction; evaluation of surrogate markers predictive of cardiovascular disease

- Genetic and epigenetic, including mitochondrial, effects of antiretrovirals and/or HIV
- Peripheral nervous system complications
- Hepatic complications, including coinfections with hepatitis B and C, and other viral infections associated with malignancies
- Pulmonary complications
- Renal complications

Funds Avail Budgets up to \$600,000 direct costs per year may be requested; Maximum project period is 5 years.

Deadline November 17, 2011

Remarks

- NICHD intends to commit approximately \$4 million in FY 2012 to fund 4-8 awards.
- Applications may be submitted by US-based or non US-based PDs/PIs working with perinatally HIV-infected youth in Africa and Asia or collaborating with investigators working with this population in those regions.

Program/Link **Cooperative Study Group for Autoimmune Disease Prevention (U01)**
<http://grants.nih.gov/grants/guide/rfa-files/RFA-AI-11-034.html>

Purpose This FOA solicits applications from institutions or consortia of institutions to participate in a cooperative study group focused on prevention of human autoimmune disease. The study group has as its foundation a set of cooperative agreements coordinated by a Steering Committee, and also draws upon an Infrastructure and Opportunities Fund to support a range of innovative, collaborative, and pilot/feasibility projects. The CSGADP [<http://www3.niaid.nih.gov/about/organization/dait/CSGADP.htm>] is a unique multi-center cooperative program established in 2001 as a closely interactive and collaborative network of investigators, with a focus on autoimmune disease prevention and a historical emphasis on type 1 diabetes. The Study Group has as its foundation a set of cooperative agreements coordinated by a Steering Committee, and also draws upon an Infrastructure and Opportunities Fund to support a range of innovative, collaborative, and pilot and feasibility projects within and outside the Study Group membership to further the goals of the CSGADP program.

Funds Avail Application budgets are not limited, but need to reflect actual needs of the proposed project. Because the nature and scope of the proposed research will vary from application to application, it is anticipated that the size of each award will also vary. In previous years of this program the average amount of funding for each project within a U01 grant has been \$200,000 to \$250,000 annual direct costs. Applicants may have valid reasons for deviating from this range, and are encouraged to discuss such deviations with the Scientific/Research Contact listed in the RFA. In the interest of group cohesion, applicants should request and plan for a project period of five years.

Deadline November 8, 2011

Remarks

- The purpose of this FOA is to announce continued support for the CSGADP program for a third funding cycle; both new and renewal applications will be accepted
- The focus of this program is on prevention rather than therapy
- For the purpose of this FOA, “prevention of autoimmune disease” is defined as halting the development of an autoimmune disease prior to clinical onset by means other than global immunosuppression
- NIAID and NIDDK are the participating organizations and intend to fund approximately 5-6 U01 awards

Program/Link **Safe and Effective Instruments and Devices for Use in the Neonatal Intensive Care Units (STTR) [R41]**

<http://grants.nih.gov/grants/guide/rfa-files/RFA-HD-12-193.html>

Purpose The *Eunice Kennedy Shriver* National Institute of Child Health and Human Development ([NICHD](#)) and the National Heart, Lung, and Blood Institute ([NHLBI](#)) invite Small Business Technology Transfer (STTR) grant applications from small business concerns (SBCs) to propose research to develop new devices and instruments, and/or improve existing devices and instruments, to monitor and treat newborn infants and small children safely and efficaciously. The major topic areas for the R&D efforts to be supported under this FOA include, but are not limited to: Cardiovascular, Pulmonary, Hematologic, Brain, Metabolic, Infections & Hearing, speech and swallowing functions.

Funds Avail Budgets up to \$250,000 total costs per year for Phase I may be requested. Maximum duration for Phase I is 2 years.

Deadline September 19, 2011

Remarks

- Companion FOA – R43, Small Business Innovative Research (SBIR) Grant - <http://grants.nih.gov/grants/guide/rfa-files/RFA-HD-12-192.html>
- NICHD-sponsored workshop summaries provide additional scientific background information for this FOA. Summaries from these workshops have been published here:
 - Pediatrics 2005, volume 115:468-74
 - Biomed. Instrum. Technol. 2009, Sep-Oct; volume 43:408-18
- One objective of this FOA is to foster such collaboration between clinical and bioengineering research communities in the field of pediatric device development.
- Based on the information reflected above, collaborations between Dept of Pediatrics/Children’s and GA Tech are particularly fitting. Contact stacy.heilman@emory.edu for helping connect to suitable collaborators.

Program/Link **Point-of-Care Technologies Research Network (U54)**

<http://grants.nih.gov/grants/guide/rfa-files/RFA-EB-11-002.html>

Purpose The purpose of this FOA is to solicit applications for Cooperative Agreement

(U54) awards for continued support of the NIBIB's Point-of-Care Technologies Research Network (POCTRN), which comprises individual Centers that work to facilitate the collaborative merging of scientific and engineering advances with user-defined health needs in point-of-care testing. Each Center will perform the following functions:

- Assessment of clinical and user needs to inform device design and further define publicly available clinical needs information
- Evaluation of promising point-of-care prototype devices from the perspective of device performance and potential for clinical impact
- Completion of clinical testing appropriate for the stage of development of the chosen prototype and the target clinical application, to facilitate translation and commercialization
- Training and education of relevant stakeholders in the development and utilization of POC technologies, including technology developers, industry partners, practitioners and the lay community (as potential users)
- Development of partnerships with industry and other stakeholders to facilitate commercialization
- Utilization of Network collaboration as needed to achieve goals and increase visibility of point-of-care testing

To accomplish these functions, each POCTRN Center should adopt the following structure: (1) Clinical Needs Assessment and Impact Analysis; (2) Prototype Development and Testing; (3) Training; and (4) Center Administration.

Funds Avail	Direct costs are limited to \$1.2M per year; A project period of up to 5 years may be requested.
Deadline	September 28, 2011
Remarks	<ul style="list-style-type: none"> ➤ Participating organization is the National Institute of Biomedical Imaging and Bioengineering ➤ This opportunity is open to existing POCTRN grantees as well as new applicants ➤ PHS 398 Paper Application required ➤ NIBIB intends to fund up to three (3) awards, with a total budget of up to \$5M, for fiscal year 2012

Program/Link **Exceptional, Unconventional Research Enabling Knowledge Acceleration (EUREKA) In the Epilepsies (R01)**
<http://grants.nih.gov/grants/guide/rfa-files/RFA-NS-12-005.html>

Purpose This FOA solicits Research Project Grant (R01) applications from institutions/organizations proposing exceptionally innovative research on novel hypotheses or difficult problems, solutions to which would have an *extremely high impact on biomedical or biobehavioral research in the epilepsies*. This FOA is for support of new projects, not continuation of projects that have already been initiated. It does not support pilot projects,

i.e., projects of limited scope that are designed primarily to generate data that will enable the PD/PI to seek other funding opportunities. Interventional clinical trials are also not appropriate for this FOA.

- Funds Avail** 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. Award project period is between 2-4 years.
- Deadline** September 15, 2011
- Remarks**
- The investigator should anticipate starting and completing the project during the term of the award, since this FOA is not for support of ongoing research or for pilot projects. In addition, clinical intervention trials are outside the scope of this FOA, given the limits on the duration and funds for this award.
 - Before submitting an application, it is extremely important to verify that the proposed research is of interest to the NINDS. Responses to commonly asked questions about the general EUREKA program may be found at <http://www.nigms.nih.gov/Research/Application/EurekaFAQs.htm>
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FOUNDATION

Program/Link **Fondation Leducq Transatlantic Networks of Excellence in Cardiovascular Research Program**
<http://fondationleducq.org/docs/pdf/TNE/TNE%20program%20description%20May%202011.pdf>

- Purpose** Designed to promote collaborative research involving centers in North America and Europe in the areas of cardiovascular and neurovascular disease. The principal aims of this program are to develop international cardiovascular and neurovascular research networks which benefit from a demonstrable collaborative advantage; to advance science in the areas of cardiovascular and neurovascular disease; to apply the knowledge gained through research by promoting the development of technology and therapeutics to improve human health; and to support the career development of young investigators in cardiovascular and neurovascular disease.
- Funds Avail** Up to \$6M over 5 years
- Deadline** Interested applicants must first submit an **expression of interest** describing the proposed network and research, the instructions for which are posted at www.flcq.org
Due date for expression of interest is September 14, 2011, 11:59pm Paris
- Remarks**
- Each network is built around a transatlantic research alliance involving two network coordinators, a *European Coordinator* and an *American Coordinator*
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Program/Link **The Foundation for AIDS Research (amfAR)**
<http://www.amfar.org/lab/grants/default.aspx?id=9944>

Purpose The Foundation for AIDS Research (amfAR), announces the availability of targeted support for biomedical research projects relevant to **exploring the mechanisms for HIV persistence and the potential for HIV eradication**. This RFP solicits proposals relevant to exploring the mechanisms for HIV persistence and the potential for HIV eradication.

Funds Avail *Research Grants*—\$100,000 for direct costs plus up to 20 percent for indirect costs. The performance period for grants awarded under this RFP will be for one year starting November 1, 2011.

Fellowships—Each fellowship is funded for a total of up to \$125,000: A maximum of \$110,000 is allowed for project-specific direct costs (\$45,000 per year for salary and fringe benefits and \$20,000 over two years for laboratory supplies).

Deadline Letter of intent due August 1, 2011

Remarks ➤ If invited to apply, full applications are due September 15, 2011

CAREER DEVELOPMENT

Program/Link **Fondation Leducq Transatlantic Career Development Award in Cardiovascular and Neurovascular Research**
<http://fondationleducq.org/docs/pdf/CDA/CDA%20program%20description%202011.pdf>

Purpose This program provides 6 to 24 months of support to individual junior or senior European or North American investigators who wish to perform cardiovascular or neurovascular research on the opposite side of the Atlantic. The CDA is aimed at outstanding investigators whose research would benefit from international collaboration and whose careers will take a different direction because of such an experience.

Funds Avail Award duration is between 6-24 months, of which at least 50% of the time must be spent on the opposite side of the Atlantic; The amount of funding depends on the career state of the awardee at the time of application:

- ≤ 3 years post-MD or PhD - \$100,000
- > 3 years post-MD or PhD - \$150,000

Deadline September 12, 2011, 11:59pm Paris

Remarks ➤ Applicants must have already completed their MD and/or PhD degree and have demonstrated a commitment to, and a talent for, cardiovascular or neurovascular research
➤ The Fondation Leducq expects to grant at least four awards during the

2011-12 cycle

Program/Link NICHD Continuing Education Training Programs (T15)

<http://grants.nih.gov/grants/guide/pa-files/PAR-11-233.html>

Purpose The *Eunice Kennedy Shriver* National Institute of Child Health and Human Development (NICHD) invites applications for grants to develop and conduct short-term continuing education programs to improve the knowledge and skills of a broad-based community of biomedical and behavioral researchers conducting research on reproductive, developmental, behavioral, social, and rehabilitative processes that determine the health and well-being of newborns, infants, children, adults, families, and populations, and to disseminate course materials and instructional experience to the scientific community. The program should include both didactic and hands-on experiences. Programs focusing on uses of model organisms are also encouraged.

Funds Avail Direct costs for an application are limited to a maximum of \$125,000 per year. Maximum project period is 5 years.

Deadline Standard NIH deadlines*

Remarks ➤ Course duration can vary from a minimum of three weeks to a maximum of twelve weeks.

The Emory Department of Pediatrics is considering submitting an application in response to this FOA. Please contact stacy.heilman@emory.edu if you have and interest in participating and/or coursework ideas that should be considered for inclusion.

INTRAMURAL/SEED/PILOT

Program/Link 2011-2012 Georgia Tech - Children's Healthcare of Atlanta Seed Grant Program

<http://www.pedsresearch.org/news/article/2011-2012-georgia-tech-childrens-seed-grant-program-rfa>

Purpose Children's Healthcare of Atlanta (Children's) and the Health Systems Institute (HSI) are requesting applications for pilot research projects with the potential to improve healthcare quality, value, and health outcomes for pediatric populations. The program provides seed funds to support collaborative and interdisciplinary projects that will help stimulate innovative healthcare research and promote improvements in healthcare delivery. These awards are specifically designed to provide funding for novel projects that demonstrate a high degree of overlap with the programmatic objectives and the mission of the sponsoring organizations, as well as demonstrated potential to leverage

seed funding into extra-mural support and result in high quality peer-reviewed publications.

This year's program is focused on the following priority areas:

- Computing and Information Technologies with Healthcare Applications
- Health/Wellness Promotion
- Human Centered Design for Healthcare Technologies and Spaces
- Clinical Outcomes and Quality of Care

Funds Avail Maximum of \$50K for one year

Deadline July 25, 2011, by 5pm EST

Remarks

- Faculty level with eligibility to submit applications for extramural funding
- Must involve an interdisciplinary collaboration between GA Tech and Children's and therefore, at least one investigator must be from GA Tech and at least one from Children's Healthcare of Atlanta (includes physicians with appointments at Emory)

Program/Link Investigator-Initiated Seed Grants in Regenerative Medicine

http://www.atlantactsi.org/news/2011/regene_med.html

Purpose The Georgia Tech/Emory initiative in regenerative medicine, in partnership with the ACTSI invites seed grant proposals in Regenerative Medicine. The research seed grant program will fund both multi-investigator teams and single investigators focusing on basic science and translational research, with the latter including large animal studies and initial clinical studies. The desired portfolio should include a balance of Emory and Georgia Tech tenure track and clinical faculty. The award program also is available to be used to fund junior investigators in team or individual grants and can be used for the recruitment of outstanding young investigators.

Funds Avail Strategic Priority Team Grants:
Awards in general may be for up to \$100,000 per year for no more than three years; however, where a larger budget is required, e.g. for large animal studies or a clinical study, an additional supplement may be possible.

Innovative Research Grants

Funded at up to \$50,000 per year, and based on satisfactory progress can be for up to three years

Deadline August 5, 2011 - **however, a letter of intent with the title of the project, the names of investigators, and the proposed total budget must be submitted by e-mail no later than July 15th to Robert Nerem**

- Remarks** ➤ Proposals may originate from a single PI or may be collaboration between investigators. All faculty whose tenure appointments reside at Emory and Georgia Tech are eligible to apply.

Program/Link Children's Healthcare of Atlanta Allen Nursing Research Fund

<http://www.pedsresearch.org/news>

Purpose This aim of this call for proposals is to encourage collaboration between Children's nurses, community organizations and institutions, and researchers with faculty appointments in institutions who are Children's academic partners. This collaboration will build on existing partnerships with Children's Healthcare of Atlanta, including regional and national Schools of Nursing, members of the Emory+Children's Center for Clinical Outcomes Research and Public Health(CORPH), Emory Department of Pediatrics, Emory Rollins School of Public Health (RSPH), Georgia Tech, the Centers for Disease Control, Morehouse School of Medicine, and Kaiser Permanente. Research Priority Areas:

Funding will be focused on the priority areas listed below:

- Transition of Care
- Birth and Neonatal Outcomes
- Neuro-Developmental Outcomes
- Obesity/Nutrition
- Symptom Management
- Family Caregivers
- Living with Chronic Illness
- Cancer Survivorship
- End of Life /Palliative Care

Funds Avail Maximum of \$25,000 per pilot project for one year of funding.

Deadline September 15, 2011

- Remarks** ➤ Submitted proposals are required to focus on questions in pediatric clinical research within the scope of nursing practice. This includes patient-oriented research as well as therapeutic interventions. It does not include in vitro studies using human tissues not linked to a living individual or drug trials.
- Applications should fall into one of the following categories:
- Applications to collect pilot data to include as preliminary data in a future extramural grant application.
 - Clinical research that is highly significant and/or is likely to make a large impact on the clinical care of children.

- For additional information or questions, contact:
Linda Riley, PhD, RN, Children's Director of Nursing Research at 404-785-9377 or linda.riley@choa.org

Special Interest – Autism: Seed and CDMRP Opportunity

Program/Link Center for Translational & Social Neuroscience Pilots

- Purpose** Research interests and funding should be directly related to the biology of pro-social behavior or to clinical disorders in which disruption of social behavior is a core deficit (e.g. Autism spectrum disorder and schizophrenia). Projects that are designed to generate preliminary data in support of a larger proposal will be given highest priority.
- Funds Avail** \$25,000 for one year
- Deadline** August 15, 2011, by 5pm; Submit by e-mail to Larry Young at lyoun03@emory.edu
- Remarks**
- Rapid turn-around planned with funding to start Sept 15, 2011
 - Applications should be 3 pages maximum and should include Background & Significance, a Research Strategy and budget information. The proposal should also include information on the future grant application that this pilot will support and clearly describe how the pilot award will increase the competitiveness of the larger grant.
 - Eligibility: Must be an Emory CTSN faculty member to apply

Program/Link Congressionally Directed Medical Research Programs (CDMRP) FY11 Autism Research Program (ARP)

<http://cdmrp.army.mil/funding/arp.shtml>

<http://cdmrp.army.mil/funding/pdf/11arpreftable.pdf>

- Purpose**
- Clinical Trial Award – Supports clinical trials with the potential to have a major impact on the treatment or management of ASD.
- Idea Development Award – Supports the development of innovative, high-impact ideas that advance the understanding of ASD and that lead to improved outcomes.
- Pilot Award – Supports conceptually innovative, high-risk/high reward research that could ultimately lead to critical discoveries or major advancements that will drive the field of ASD forward.
- Funds Avail**
- Clinical Trial Award - \$1M direct costs over 4 years
- Idea Development Award - \$375K direct costs over 3 years

Pilot Award - \$100K direct costs over 2 years

Deadline

Preproposals due July 20, 2011

Full applications due

- November 30, 2011: Clinical trial and Idea Development Awards
- November 9, 2011: Pilot Award

NOTICES/ANNOUNCEMENTS

Emory Sponsored SBIR and STTR Proposal Seminars

Part I: July 21, 2011 from 1 – 3:45pm

Topics covered include:

SBIR and STTR: Are these the right grants for you?

SBIR Proposal Structure for Academic Investigators

Part II: August 22, 2100 from 1-3:45pm

Topics covered include:

SBIR Strategies: Academic Partners and University Consultants

Tips on Preparing the Cost Portion of an SBIR Phase II Proposal

For more information and to RSVP, contact Ashley Myers at ashley.e.myers@emory.edu (404-727-1785). Seminars take place on the Emory main campus.

Extramural Loan Repayment Program for Clinical and Pediatric Research (LRP-CR and LRP-PR)

<http://grants.nih.gov/grants/guide/notice-files/NOT-OD-11-085.html>

<http://grants.nih.gov/grants/guide/notice-files/NOT-OD-11-086.html>

Program specific information for Extramural Loan Repayment Program (LRP) for Clinical and Pediatric Research. The overall purpose of the extramural LRP is the recruitment and retention of highly qualified health professionals as research investigators to careers in research. Additional detailed Information about each LRP is provided at http://www.lrp.nih.gov/about_the_programs/index.aspx .

The NIH invites qualified health professionals who contractually agree to engage in NIH mission-relevant research for at least two years, and who agree to engage in such research for at least 50 percent of their work schedule (not less than 20 hours per week based on a 40-hour work week), to apply for participation in the extramural LRP. Extramural LRPs provide for the repayment of educational loan debt of up to \$35,000 annually for qualified health professionals performing research within the mission of NIH at domestic, non-profit, or government entities. LRP applications will be accepted annually from September 1 through November 15, 8:00 p.m. EST. Applications must be submitted electronically using the NIH Loan Repayment Program Website, www.lrp.nih.gov.

See notice links for eligibility requirements.

Special Emphasis Notice: AHRQ Announces Interest in Career Development (K01, K02, K08) and Dissertation (R36) Grants focused on Health Information Technology (IT)

<http://grants.nih.gov/grants/guide/notice-files/NOT-HS-11-016.html>

In order to grow research capacity in the application of information technology in health care, AHRQ intends to support research career development grants (K01, K02, and K08) focusing on health IT.

These grants will support the career development of clinical and research doctorates focusing their research on one of three health IT research areas.

1. Health IT to improve the **quality and safety of medication management**
2. Health IT to support **patient-centered care**
3. Health IT to improve **health care decision making**

Notice of Publication of FAQs Related to PA-11-211, PA-11-212, RFA-HL-12-020, and RFA-HL-12-024: Virtual Reality Technologies for Research and Education in Obesity and Diabetes
<http://grants.nih.gov/grants/guide/notice-files/NOT-HL-11-152.html>

Funding Opportunity Announcements (FOA) on

- Virtual Reality Technologies for Research and Education in Obesity and Diabetes:
 - PA-11-211, <http://grants.nih.gov/grants/guide/pa-files/PA-11-211.html>
 - PA-11-212, <http://grants.nih.gov/grants/guide/pa-files/PA-11-212.html>
 - RFA-HL-12-020, <http://grants.nih.gov/grants/guide/rfa-files/RFA-HL-12-020.html>
 - RFA-HL-12-024, <http://grants.nih.gov/grants/guide/rfa-files/RFA-HL-12-024.html>

As a result of discussions with potential applicants, a list of Frequently Asked Questions (FAQs) has been developed.

The FAQs for these FOAs can be found at: <http://www.nhlbi.nih.gov/funding/inits/faq-foa-vr.htm>. This information may be updated periodically without additional notice.

*NIH STANDARD DUE DATES CITED ABOVE

Mechanism(s)	Cycle I	Cycle II	Cycle III
	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 5-Mar	5-Jun 5-Jul	5-Oct 5-Nov
T Series	25-Jan	25-May	25-Sept
R03, R21, R34 NEW <i>renewal, resubmission, revision</i>	16-Feb 16-Mar	16-Jun 16-Jul	16-Oct 16-Nov
K series NEW <i>renewal, resubmission, revision</i>	12-Feb 12-Mar	12-Jun 12-Jul	12-Oct 12-Nov
All AIDS and AIDS-Related Applications (for mechanisms cited above)			

<i>All - new, renewal, resubmission, revision</i>	7-May	7-Sept	7-Jan
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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 monthly. 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 research funding opportunities and/or if you are interested in building collaborative efforts and programs towards applying for future funding.