

Bringing in the Research Dollars! (BiRD)



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

The monthly BiRD announcement highlights
pediatric research funding opportunities

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

October 2011 BIRD highlights

- ❖ Reminders of the upcoming deadlines for the internal [EECRC](#) and the [Healthcare Innovation Seed Grant Programs](#) and the [GCC Cancer Research Award](#) internal competition
- ❖ NIH [Transformative Research Awards](#) and the [Gates Foundation Grand Challenges](#)
- ❖ [Chronic disease management research](#) and a special RFA for [chronic disease management making use of mobile health tools](#)
- ❖ HIV/AIDS related announcement [towards demographic and behavioral population science](#), implementation science in [preventing maternal-child HIV transmission](#), exploring [mechanisms for HIV persistence](#) and description of a center grant application planned in [HIV-AIDS related structural biology](#)
- ❖ Career development award opportunities in [Dystonia research](#), for young investigators doing [cancer research](#), description of the [Emory Vaccinology Training Program](#), the [Doris Duke opportunity for clinical researchers](#) and small [AMA seed grants](#) to assist trainees in special research areas
- ❖ Developing [tools to market for research](#) purposes, new [biomarkers for pediatrics](#) and appropriate [pediatric drug formulations](#)
- ❖ Multiple [American Lung Association](#) opportunities and description of an FOA exploring early [Cystic Fibrosis lung disease](#)
- ❖ Research towards understanding how to promote [healthy habits in children](#) and funding available for [obesity, healthcare equity and integrated health care](#)
- ❖ Description of the NIH [Loan Repayment Program](#)

GENERAL FEDERAL/COLLABORATIVE POTENTIAL

Program/Link NIH Director's Transformative Research Awards (R01)
<http://grants.nih.gov/grants/guide/rfa-files/RFA-RM-11-006.html>

Purpose The NIH Director's Transformative Research Awards complements NIH's

traditional, investigator-initiated grant programs by supporting individual scientists or groups of scientists proposing groundbreaking, exceptionally innovative, original and/or unconventional research with the potential to create new scientific paradigms. Little or no preliminary data are expected. Projects must clearly demonstrate potential to produce a major impact in a broad area of biomedical or behavioral research.

Projects in any area of NIH interest, including basic, clinical, translational and behavioral studies, are encouraged and will be considered responsive to this FOA. Though technical and conceptual risks are expected in highly innovative projects, clinical research also must contend with potential risk to human subjects. Clinical researchers should not be dissuaded from submitting applications as long as rigorous assessment of participant risk/benefit ratios compellingly indicates the ratio to be in favor of the potential benefit.

- Funds Avail** Application budgets are not limited, but need to reflect actual needs of the proposed project. The maximum period is 5 years.
- Deadline** January 12, 2012
(LOI due December 12, 2011)
- Remarks** ➤ The RFA specifies a very precise Research Strategy outline designed for the applicant to explicitly address specific issues, focus attention on the importance of the problem, the novelty of the hypothesis and/or the proposed methodology, and the magnitude of the potential impact rather than on experimental details.

Program/Link mHealth Tools to Promote Effective Patient–Provider Communication, Adherence to Treatment and Self Management of Chronic Diseases In Underserved Populations (R01)

<http://grants.nih.gov/grants/guide/pa-files/PA-11-330.html>

- Purpose** The purpose of this initiative issued by the National Institute of Nursing Research (NINR) and the Office of Dietary Supplements (ODS) is to stimulate research utilizing Mobile Health (mHealth) tools aimed at the improvement of effective patient–provider communication, adherence to treatment and self-management of chronic diseases in underserved populations. With the rapid expansion of cellular networks and substantial advancements in Smartphone technologies, it is now possible - and affordable - to transmit patient data digitally from remote areas to specialists in urban areas, receive real-time feedback, and capture that consultation in a database. mHealth tools, therefore, may facilitate more timely and effective patient-provider communication through education communication around goal setting, treatment reminders, feedback on patient progress and may improve health outcomes. This announcement encourages the development, testing and comparative effective analysis of interventions utilizing mHealth technologies in underserved populations.

- 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** Standard NIH due dates*
- Remarks**
- Companion RFA's include
 - R21, Exploratory/Developmental Grant - <http://grants.nih.gov/grants/guide/pa-files/PA-11-332.html>
 - R03, Small Grant Program - <http://grants.nih.gov/grants/guide/pa-files/PA-11-331.html>

Program/Link Lab to Marketplace: Tools for Biomedical and Behavioral Research (SBIR [R43/R44])

<http://grants.nih.gov/grants/guide/pa-files/PA-11-335.html>

- Purpose** This Funding Opportunity Announcement (FOA) encourages the translation of technologies for biomedical or behavioral research from academic and other non-small business research sectors to the marketplace. Small Business Concerns (SBCs) are encouraged to submit Small Business Innovation Research (SBIR) grant applications that propose to further develop, make more robust, and make more user-friendly such technologies in preparation for commercial dissemination. It is expected that this activity will require partnerships and close collaboration between the original developers of these technologies and SBCs, which may be accomplished in any of a number of ways, including the use of multiple principle investigators.
- Funds Avail** Budgets up to \$350,000 total costs per year and time periods up to 2 years for Phase I may be requested. Budgets up to \$600,000 total costs per year and up to 3 years may be requested for Phase II.
- Deadline** Standard NIH Due Dates*
- Remarks**
- This FOA encourages SBIR grant applications to commercially develop tools of any type relevant to the mission of one or more of the participating NIH institutes and centers.
 - Participating Organizations include NIAMS, NIDCD, NIDDK, NIGMS, NINR, NCCAM, NCRR and NHGRI

Program/Link Biomarkers: Bridging Pediatric and Adult Therapeutics (R01)

<http://grants.nih.gov/grants/guide/pa-files/PAR-11-322.html>

- Purpose** This funding opportunity announcement (FOA) invites applications from institutions or organizations that propose adapting adult biomarkers to children. This would include the application and validation of biomarkers developed in adults to pediatric diagnosis, prognosis, and estimation of disease progression, toxicity and response to therapy. Projects supported by this FOA will be confined to those biomarkers that correlate with a clinical observation, have been extensively studied in adults, and for which there is

solid evidence that they have pediatric applications. Discovery of new biomarkers for use in new drug development or in preclinical studies are not part of this FOA.

- Funds Avail** Application budgets are not limited, but need to reflect actual needs of the proposed project. The project period may not exceed five years.
- Deadline** Standard NIH Due Dates*
- Remarks**
- Companion RFA's include
 - R21, Exploratory/Developmental Grant - <http://grants.nih.gov/grants/guide/pa-files/PA-11-324.html>
 - R03, Small Grant Program - <http://grants.nih.gov/grants/guide/pa-files/PA-11-323.html>
 - Participating organizations are NICHD and NINR
 - Applicants can propose planning activities and pilot studies for validation of biomarkers that have shown early promise for use in pediatrics, with the goal that these biomarkers could be tested in larger clinical trials.
 - Applicants can propose ancillary studies to ongoing or completed clinical trials.
 - The use of multi-disciplinary teams is strongly encouraged in order to test the use, in pediatrics, of adult biomarkers and bring new ideas, expertise and methodologies.

Program/Link **Chronic Illness Self-Management in Children and Adolescents (R01)**
<http://grants.nih.gov/grants/guide/pa-files/PA-11-070.html>

Purpose Encourages research to improve self-management and quality of life in children and adolescents with chronic illnesses. Children diagnosed with a chronic illness and their families have a life-long responsibility for self-management, to maintain and promote health and prevent complications. Biobehavioral studies of children in the context of family and family-community dynamics are encouraged. Research related to biological/technological factors, as well as, sociocultural, environmental, and behavioral mechanisms that contribute to successful and ongoing self-management of chronic illnesses in children is also encouraged. This FOA is restricted to studies of chronic illnesses in children and adolescents ages 8 to 21 grouped by developmental stages according to the discretion of the investigator. Studies of chronic mental illness or serious cognitive disability are beyond the scope of this FOA.

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

Deadline Standard NIH due dates*

- Remarks**
- Companion RFA's include
 - R21, Exploratory/Developmental Grant -

- <http://grants1.nih.gov/grants/guide/pa-files/PA-11-072.html>
 - R03, Small Grant Program - <http://grants1.nih.gov/grants/guide/pa-files/PA-11-071.html>
- Chronic illnesses that may be a good fit to propose in response to this RFA include but are not limited to, asthma, childhood obesity, diabetes, atherosclerosis, Cystic fibrosis, migraine, epilepsy, HIV/AIDS and cancer.

Program/Link **NICHD Research Infrastructure for Demographic and Behavioral Population Science (R24)**

<http://grants.nih.gov/grants/guide/rfa-files/RFA-HD-12-186.html>

Purpose

The purpose of this FOA is to increase the pace and impact of research within the scientific mission of the NICHD Demographic and Behavioral Sciences Branch (DBSB) by providing research infrastructure support to population science centers. This FOA will advance research within the DBSB scientific mission. The DBSB mission has three components:

- 1) Research in demography, the scientific study of human populations, including their size, composition, distribution, density, and growth and decline, as well as the causes and consequences of demographic change. Major areas of focus include fertility, mortality and morbidity, migration, population distribution, nuptiality, and family demography.
- 2) Behavioral and social science research on sexually transmitted diseases, including HIV/AIDS, and reproductive health
- 3) Research on human health—including productivity, behavior, and development—using defined populations and probability samples. Major areas of focus include research on the effects of early life influences and policy factors on health.

Funds Avail

NICHD expects requested direct costs to range from \$100,000 to \$700,000. The total project period may not exceed five years.

Deadline

Emory University may submit only 1 application for this program so there is an internal competition*

If invited by Emory to submit, agency deadlines are: October 21, 2011 (Letters of Intent); November 22, 2011 (Full Applications)

Remarks

* **Internal Competition Guidelines:** 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. Please put *NIH NICHD R24 – Applicant Name* in the subject line of the e-mail. Please note that written reviews or summary statements from the internal review and selection process will not be available.

Program/Link **Healthy Habits: Timing for Developing Sustainable Healthy Behaviors in Children and Adolescents (R01)**

<http://grants.nih.gov/grants/guide/pa-files/PA-11-327.html>

Purpose This FOA encourages applications that employ innovative research to identify mechanisms of influence and/or promote positive sustainable health behavior(s) in children and youth (birth to age 18). Positive health behaviors may include: developing healthy sleep patterns, developing effective self-regulation strategies, adaptive decision-making in risk situations, practicing proper dental hygiene, eating a balanced and nutritious diet, engaging in age-appropriate physical activity and/or participating in healthy relationships. Applications to promote positive health behavior(s) should target social and cultural factors, including, but not limited to: schools, families, communities, population, food industry, age-appropriate learning tools and games, social media, social networking, technology and mass media. Topics to be addressed in this announcement include: effective, sustainable processes for influencing young people to make healthy behavior choices; identification of the appropriate stage of influence for learning sustainable lifelong health behaviors; the role of technology and new media in promoting healthy behavior; identification of factors that support healthy behavior development in vulnerable populations, identification of barriers to healthy behaviors; and, identification of mechanisms and mediators that are common to the development of a range of habitual health behaviors. The ultimate goal of this FOA is to promote research that identifies and enhances processes that promote sustainable positive behavior or changes social and cultural norms that influence health and future health behaviors.

Funds Avail Application budgets are not limited, but need to reflect actual needs of the proposed project. Budgets for direct costs of up to \$500,000 per year may be requested, but require prior approval. Maximum project duration is 5 years.

Deadline Standard NIH due dates*

Remarks

- Companion RFA's include
 - R21, Exploratory/Developmental Grant - <http://grants.nih.gov/grants/guide/pa-files/PA-11-329.html>
 - R03, Small Grant Program - <http://grants.nih.gov/grants/guide/pa-files/PA-11-328.html>
- Participating organizations include NICHD, NINR, NHLBI, NIDDK, NCCAM and OBSSR
- Given the many factors involved in developing sustainable health behaviors, applications from multidisciplinary teams are strongly encouraged.

Program/Link **Early Cystic Fibrosis Lung Disease Studies in Humans, NHLBI (R01)**

<http://grants.nih.gov/grants/guide/rfa-files/RFA-HL-12-035.html>

Purpose This FOA, issued by the National Heart, Lung, and Blood Institute (NHLBI), National Institutes of Health, invites Research Project Grant (R01)

applications that propose to investigate the early origins of cystic fibrosis (CF) lung disease and the mechanisms involved in development and progression of pulmonary abnormalities in young children with this condition. Studies may explore novel strategies for detecting early lung disease in infants and young children with CF, including minimally invasive biomarkers and/or imaging approaches, and utilize these methods to elucidate the molecular and cellular mechanisms of early lung disease onset and progression. The ultimate goal is development of novel approaches for diagnosis, prevention, and treatment of early CF lung disease.

- Funds Avail** Application budgets are limited to a maximum of \$400,000 direct costs (exclusive of first tier consortium F&As) in any year. Budgets must reflect actual needs of the proposed project. Maximum project duration is 4 years.
- Deadline** January 11, 2012
- Remarks**
- To promote better understanding of early CF, this initiative will support up to 6 R01 grants that focus on the preclinical and early stages of lung involvement in this disease (birth to 6 years of age)
 - Clinicians are encouraged to partner with experts in imaging and/or basic science to study structural changes in concert with functional abnormalities.

The Emory+Children's Center for Cystic Fibrosis Research is planning a submission in response to this RFA. Please contact Dr. Nael McCarty (namccar@emory.edu) for more information.

Program/Link **Development of Appropriate Pediatric Formulations and Pediatric Drug Delivery Systems (R01)**
<http://grants.nih.gov/grants/guide/pa-files/PAR-11-301.html>

Purpose The purpose of this FOA is 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 are also part of this initiative. Investigators are encouraged to explore approaches and concepts new to the area of pediatric formulation development and testing and use newly developed techniques superior to the ones currently used in the field.

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

Deadline Standard NIH due dates*

- Remarks**
- Companion RFA's include
 - R21, Exploratory/Developmental Grant - <http://grants.nih.gov/grants/guide/pa-files/PAR-11-303.html>
 - R03, Small Grant Program - <http://grants.nih.gov/grants/guide/pa-files/PAR-11-302.html>

- R43, Small Business Innovation Research Grant - <http://grants.nih.gov/grants/guide/pa-files/PAR-11-304.html>
- R41 - Small Business Technology Transfer Grant (Phase 1 only) - <http://grants.nih.gov/grants/guide/pa-files/PAR-11-305.html>

FOUNDATION

Program/Link American Lung Association

<http://www.lungusa.org/finding-cures/grant-opportunities/grant-offerings.html>

Purpose & Funds Avail

Biomedical Research Grant (10-12 grants available): \$40,000/yr. Provides seed monies for junior investigators researching the mechanisms of lung disease and general lung biology.

Dalsemer Research Grant (1 grant available): \$40,000/yr. Provides seed monies for junior investigators researching interstitial lung disease.

Clinical Patient Care Research Grant (1-2 grants available): \$40,000/yr. Provides seed monies for junior investigators working on traditional clinical studies examining methods of improving patient care and/or treatment for lung disease.

Social-Behavioral Research Grant: (1-2 grants available): \$40,000/yr. Provides seed monies for junior investigators working on epidemiological and behavioral studies examining risk factors affecting lung health. This grant includes studies concerning the ethical, legal and economic aspects of health services and policies.

American Lung Association / The CHEST Foundation Asthma Clinical Patient Care Grant: (1 grant available): \$40,000/yr. Provides seed monies for junior investigators working on traditional clinical studies examining methods for improving patient care and treatment for asthma.

American Lung Association / AAAAI Allergic Respiratory Diseases Award (2 grants available): \$75,000/yr. Supports investigators at any level of research experience, working in an allergy/immunology division/section on a project related to allergic respiratory disease. To be eligible for this opportunity, the applicant must hold a doctoral degree, have a faculty appointment in an allergy/immunology division/section of an academic institution and be undertaking a project related to allergic respiratory disease, and have completed a training fellowship.

Deadline

October 20, 2011

Remarks

➤ See website for detailed information on the opportunities listed above

Program/Link Georgia Cancer Coalition Cancer Research Awards

Purpose The purpose of the Cancer Research Awards is to stimulate research of scientific importance by Georgia investigators. The fund promotes the development of novel or conceptually creative ideas that are scientifically sound and may advance progress toward detecting, treating or curing cancer. Georgia investigators (researchers, clinicians, fellows) are encouraged to develop a sound, innovative research plan based on the goals of the Georgia Cancer Coalition, and wherever possible, to incorporate the research priorities of the National Cancer Institute. All areas of cancer research are eligible for this funding mechanism.

Priority will be given to new-to-the-field investigators who utilize research results to develop and secure national peer-reviewed funding. Similarly, priority will be given to established investigators who have an innovative idea of a translational nature, which requires seed funding to achieve proof-of-principle leading to an application for peer-reviewed funding. A plan for seeking additional funding from the National Cancer Institute, American Cancer Society, Veterans Administration, Department of Defense or other peer-reviewed source is required for all applications. Minority and women investigators are encouraged. Collaboration also is encouraged with other researchers, academic institutions, or cancer-related private or nonprofit organizations.

Funds Avail \$50,000

Deadline October 11, 2011
Emory University may submit only 2 applications for this program.
Internal Competition Guidelines: Interested applicants must submit an abstract of their proposed projects (not to exceed 2 pages) and an NIH-style biosketch to Traci Cobbs-Palmer via e-mail (tcobbsp@emory.edu) by no later than the internal deadline above for consideration.

If invited to apply, full applications are due 11/1/11

Remarks

- For additional information, contact Tracy Cobbs-Palmer @ tcobbsp@emory.edu
- Current GCC distinguished cancer clinicians and scholars and current GCC cancer research awardees are ineligible to apply

Program/Link Aetna Foundation National Program Research Grants
<http://www.aetna-foundation.org/foundation/aetna-foundation-programs/program-areas/program-areas-overview.html>

Purpose Focus on issues that improve health and the health care system in the following three areas:

- Obesity: Addressing the rising rate of obesity among U.S. adults and children

- Racial and Ethnic Health Care Equity: Promoting equity in health and health care for common chronic conditions and infant mortality
- Integrated Health Care: Advancing high-quality health care by improving care coordination and communications among health care professionals; creating informed and involved patients; and promoting cost-effective, affordable care

Funding opportunities includes:

- Research - Grants that will generate new knowledge, making use of either quantitative or qualitative techniques
- Projects - Grants that will test, apply or disseminate new practices designed to improve health and health care
- Policy - Grants that analyze and promote policies to ensure that programs and practices to improve health and health care can be replicated and disseminated broadly

Funds Avail National grants typically range from \$50,000 to \$250,000 and may not exceed \$250,000 -- including 15% for indirect costs. Project timelines may not exceed two years in length

Deadline Letters of inquiry are required and are accepted on a rolling basis (If invited to apply, full proposals are accepted on Feb 15, May 15, Aug 15 and Nov 15)

Remarks ➤ Aetna does not generally fund basic biomedical research

Program/Link The Bill & Melinda Gates Foundation Round 8 of its Grand Challenges Explorations

<http://www.grandchallenges.org/about/Newsroom/Pages/GCERound8.aspx>

Purpose The initiative offers scientists, inventors, and entrepreneurs from around the world the opportunity to win \$100,000 grants to pursue unconventional ideas that could transform health and agricultural development in the world's poorest countries.

The topics in this round include:

- Explore Nutrition for Healthy Growth of Infants and Children
- Apply Synthetic Biology to Global Health Challenges
- Design New Approaches to Optimize Immunization Systems
- Explore New Solutions in Global Health Priority Areas

Funds Avail \$100,000

Deadline November 17, 2011 by 11:30am PST

Remarks ➤ The Foundation anticipates funding approximately sixty awards each round although this number is dependent on the quality of proposals received.

CAREER DEVELOPMENT/TRAINING

Program/Link Alex's Lemonade Stand Foundation for Childhood Cancer Young Investigator Grants

http://www.alexlemonade.org/files/yia_guidelines.pdf

- Purpose** These grants are designed to fill the critical need for start up funds for less experienced researchers to pursue promising research ideas. These grants encourage and cultivate the best and brightest researchers of the future and lead to long term commitments to research projects. These grants are designed as start-up funds for new scientists **at the end of their fellowship training or early in their research career**. Demonstration of outstanding mentorship and demonstration of a career plan that shows commitment to pediatric cancer investigation are critical components of a successful application.
- Funds Avail** \$50,000 per year for 2 years
- Deadline** December 15, 2011
- Remarks**
- Research proposals involving psychosocial aspects of pediatric cancer and/or cancer control will not be considered. (See their Nurse Researcher grant categories for inquires regarding psychosocial research topics.)
 - Applicants should be at the early stages of their research careers as defined below.
 - M.D. (D.O.) or M.D.,Ph.D. applicants must either be finished the third year of an accredited fellowship program at the time funding will start or within six years from the completion of a three-year fellowship program at the time the funding will start.
 - Ph.D. applicants must be within six years from the granting of the Ph.D. at the time the funding will start, i.e. those with Ph.D. received in 2006 are eligible to apply for a 2012 grant. Post-docs are encouraged to apply but must also be within the six year time frame.
 - The applicant must not currently hold an independent NIH grant (R or P Award). Applicant may currently have a NIH K Award.
 - A research mentor must be identified and the application must document his/her involvement in experimental design and execution.

Program/Link Emory Vaccinology Training Program (VTP)

<http://medicine.emory.edu/VTP-T32>

- Purpose** The training objectives and goals of the Vaccinology Training Program (VTP) include:
- To inspire and attract outstanding post-doctoral trainees to pursue interdisciplinary training in preparation for a vaccinology research

career

- To provide each trainee with a mentoring team for his or her training, his or her collaborative research project experience, and for vaccinology career preparation

Trainees will perform a mentored vaccinology research project with a VTP faculty member in one of four areas:

- Pathogenesis and Vaccine Discovery;
- Innate and Adaptive Immunity to Antigens;
- Translation, Delivery, and Clinical Trials; and
- Vaccine Epidemiology and Health Policy.

Funds Avail The budget is a predetermined amount and awarded fellows will receive the following:

- An annual stipend at the appropriate NIH-specified level based on years of postdoctoral experience
- A travel allotment for attendance/presentation of research results at a national vaccine-related conference
- 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 December 16, 2011

Remarks

- It is anticipated that there will be 3 open positions with all positions starting in May 2012
- Trainee qualifications:
 - MD, PhD, or MD-PhD (within 10 years of training)
 - Able to participate in up to two years of training
 - US Citizen, non-citizen national or permanent resident of the United States per NIH guidelines
 - All trainees must commit full-time effort, defined as forty hours per week to the program and its related research activities.
- 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.

Program/Link **American Medical Association Seed Grant Research Program**
<http://www.ama-assn.org/ama/pub/about-ama/ama-foundation/our-programs/medical-education/seed-grant-research.page>

Purpose Established to encourage medical students, physician residents and fellows to enter the research field. The program provides funds for small basic science, applied, or clinical research projects. These funds will round out new project budgets, rather than sustain current initiatives.

- Grant awards will support research of:
1. Cardiovascular/Pulmonary Diseases
 2. HIV/AIDS
 3. Neoplastic Diseases
 4. Pancreatic Cancer

Funds Avail \$2500
Deadline December 5, 2011
Remarks ➤ Recipients will be announced in March 2012.

Program/Link **Dystonia Coalition Career Development Award**

Purpose For junior investigators interested in clinical or translational research relating to dystonia or to provide a mechanism for senior investigators to do dystonia research.

Funds Avail \$50K for 1 year
Deadline Nov 30, 2011

Remarks ➤ Applicants must be affiliated with the Dystonia Coalition to apply. Interested applicants not currently affiliation with the coalition should contact Ami Rosen (arosen3@emory.edu) for additional information on how to join
 ➤ Also contact Ami Rosen (arosen3@emory.edu) for application instructions

Program/Link **Doris Duke Clinical Scientist Development Award**
<http://www.ddcf.org/Medical-Research/Program-Strategies/Clinical-Research/Clinical-Scientist-Development-Award/>

Purpose The Doris Duke Clinical Scientist Development Award provides grants to junior physician-scientists to facilitate their transition to independent clinical research careers. *Experiments that utilize animals or primary tissues derived from animals will not be supported by this program.*

Funds Avail \$150,000 per year
Deadline Internal nomination deadline: November 4, 2011
 (If selected, the full proposal deadline is Dec 21, 2011)

Emory is allowed 2 nominations
 Interested applicants should submit a two-page abstract (abstract should include: your name, contact info, specific aims and hypotheses, background & significance, preliminary data where available and outline of research design & methods) and a NIH biographical sketch by **Nov 4, 2011** to Trish Haugaard patricia.haugaard@emory.edu OR Kelly Simily Shaw

ksimily@emory.edu

- Remarks** Eligibility requirements: *Candidates must*
- Be a physician-scientist conducting [clinical research](#) in any disease area.
 - Have received an M.D. or a foreign equivalent from an accredited institution.
 - Be working in a U.S. degree-granting institution, but do not have to be a U.S. citizen.
 - Have a full-time faculty level position not higher than the Assistant Professor level. Full-time post-fellowship Instructor positions will be considered full-time faculty level appointments **only** when these positions are recognized as such by the nominating institution. Adjunct or acting positions are not eligible.
 - Have been appointed to their **first** full-time faculty level position between January 1, 2007 and January 1, 2012.
 - Be guaranteed a minimum overall research time protection of 75% effort by the nominating institution.
 - Not be the principal or co-principal investigator on a National Institute of Health R01 research grant, a research project that is part of a P01 program project or P50 center grant, or a U01 cooperative agreement.

INTRAMURAL/SEED/PILOT

Program/Link **Emory Egleston Children's Research Center Seed Grant Program**
<http://www.pedsresearch.org/news/article/2012-seed-grant-program-ecrc>

Purpose The Emory Egleston Children's Research Center is pleased to announce that funds are available for basic, translational, and clinical research toward understanding the mechanisms and potential treatments for diseases of children. These grants are funded jointly by Children's Healthcare of Atlanta (CHOA) and Emory University School of Medicine. These Seed Grants are specifically intended to facilitate the acquisition of extramural support for new and expanded research efforts.

Funds Avail \$50K for one year (up to \$25K can be used for the applicants salary + fringe)

Deadline October 17, 2011

- Remarks**
- The applications will be restricted to regular faculty with primary appointments at the level of Instructor, Assistant, Associate or Full Professor in clinical departments of Emory University School of Medicine
 - Clinical investigators in departments other than Pediatrics must have staff privileges at CHOA
 - Special encouragement of applications from junior faculty members
 - Applicants must have an active faculty appointment at the time of submission of the grant

- Faculty members with active extramural grant support as Principal Investigator at the level of the NIH R01 or P01 grants are not eligible
- Acceptance of funding via the EECRC Seed Grant mechanism comes with a requirement that the PI will submit an extramural grant proposal related to the goals of the funded seed grant. The extramural proposal must be submitted within one year of the END of the seed grant budget period. That means that for grants funded Jan 1 2012, the Principal Investigator would have until December 31, 2013 to have the extramural proposal submitted.

Program/Link **Healthcare Innovation Program/ACTSI Seed Grant**
<http://hip.emory.edu/documents/hip%20seed%20grant.pdf>

Purpose The Emory/Georgia Tech Healthcare Innovation Program (HIP), in partnership with the Atlanta Clinical and Translational Science Institute (ACTSI), is pleased to invite research seed grant proposals in Healthcare Innovation. The seed grant program will fund multi-investigator, multi-disciplinary teams examining healthcare services and clinical effectiveness. Awards will support innovative approaches that address issues of healthcare quality, costs, and/or access that are consistent with the goals of the HIP and the ACTSI (see: <http://www.hip.emory.edu/about/mission/index.html>).

Topics: Two types of studies will be considered; health services research and clinical effectiveness research.

Funds Avail Categories: Two categories of grants will be considered:
 Preliminary Study Grants - \$25K for one year max
 Complete Project Grants - \$25K/year for two years max

Deadline October 15, 2011 and March 1, 2012

A letter of intent with the title of the project, the names of investigators, and the proposed total budget must be e-mailed no later than 2 weeks before submission to Maryam Carn, HIP Program Coordinator (maryam.carn@emory.edu).

- Remarks**
- Applications must include:
 - A minimum of two faculty investigators from different academic units (e.g., schools or departments) at Emory, Georgia Tech, and/or Morehouse School of Medicine
 - At least one medical or nursing staff member at Emory Healthcare, Children's, Grady, and/or the Atlanta VAMC. The hospital staff member may be represented by one of the university faculty.

Special Interest – HIV/AIDS

Program/Link **amfAR Research Grant - Exploring the mechanisms for HIV persistence and the potential for HIV eradication**

<http://www.amfar.org/lab/grants/default.aspx?id=10364>

- Purpose** This RFP solicits proposals relevant to exploring the mechanisms for HIV persistence and the potential for HIV eradication. Highly active antiretroviral therapy (HAART) has significantly impacted the health of individuals infected with HIV-1. However, if therapy is interrupted, there is a rapid resumption of viral replication. Understanding the mechanisms by which the virus is able to persist in the face of therapy is necessary in order to identify strategies that may interrupt viral persistence and ultimately lead to viral eradication. amfAR wishes to support basic, clinical, and especially translational research exploring the mechanisms whereby HIV infection persists; the chronic nature of viral reservoirs and latency; and barriers to the eradication of HIV, with the potential goal of ultimately eliminating HIV infection.
- Funds Avail** \$250,000 total costs over 2 years
- Deadline** LOI due 10/25/11
- Remarks** ➤ It is not required that principal or collaborating investigators hold a faculty-level position

Program/Link **NIH/PEPFAR Collaboration for Advancing Implementation Science in Prevention of Maternal-Child HIV Transmission (PMTCT) (R01)**
<http://grants.nih.gov/grants/guide/rfa-files/RFA-HD-12-210.html>

- Purpose** The NIH, in collaboration with the Office of the Global AIDS Coordinator, invites applications for implementation science projects that will inform the President's Emergency Plan for AIDS Relief (PEPFAR) as they develop more efficient and cost-effective methods to deliver proven interventions for prevention of maternal-child HIV transmission (PMTCT).
- Funds Avail** Total costs of up to \$500,000 per year and project duration of up to two years for a maximum of \$1,000,000 total costs over a two-year project period.
- Deadline** February 28, 2012
- Remarks** ➤ A minimum of 80% of awarded funds must be spent in the PEPFAR country where the research is taking place.

A multidisciplinary group in the Dept of Pediatrics and Rollins School of Public Health is considering applying to this FOA. Contact stacy.heilman@emory.edu for more details.

Program/Link **NIGMS Centers for HIV/AIDS-Related Structural Biology (P50)**
<http://grants.nih.gov/grants/guide/rfa-files/RFA-GM-12-003.html>

- Purpose** The National Institute of General Medical Sciences invites applications for Centers that will support structure determination and dynamic characterization

of macromolecular complexes among and between components of the human immunodeficiency virus (HIV) and the components of host cells.

- Funds Avail** Application budgets are limited for direct costs including equipment and Collaborative Development Program costs up to 3.2 million dollars per year, and for total costs including facilities and administrative costs (F&A)/indirect costs up to 4.7 million dollars per year. Maximum project period is 5 years.
- Deadline** January 6, 2012
- Remarks** ➤ The research being proposed is expected to push the boundaries of what is feasible. As such, it is recognized that aspects of the plan necessarily will be of high risk.

A response is being organized in response to this RFA. Emory CFAR is organizing a teleconference for interested investigators. Please contact Shelle Bryant for details (sbryant@emory.edu).

NOTICES/ANNOUNCEMENTS

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

http://www.lrp.nih.gov/about_the_programs/index.aspx

Due date: Nov 15, 2011

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. 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 the following notice links for eligibility requirements:

2011 Announcements (effective unless update released)

- [NOT-OD-11-085, Extramural Loan Repayment Program for Clinical Researchers \(LRP-CR\)](#)
- [NOT-OD-11-086, Extramural Pediatric Research Loan Repayment Program \(LRP-PR\)](#)
- [NOT-OD-11-087, Extramural Loan Repayment Program for Health Disparities Research \(LRP-HDR\)](#)
- [NOT-OD-11-088, Extramural Loan Repayment Program for Contraception and Infertility Researchers \(LRP-CIR\)](#)

- [NOT-OD-11-089, Extramural Clinical Research Loan Repayment Program for Individuals from Disadvantaged Backgrounds \(LRP-IDB\)](#)

NIH STANDARD DUE DATES CITED ABOVE

Mechanism(s)	Cycle I Due Date	Cycle II Due Date	Cycle III 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>
T Series	25-Jan	25-May	25-Sept
R41, R42, R43, R44, U43, U44, All - new, renewal, resubmission, revision	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 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.