Spotlight
The Eunice Kennedy Shriver National Institute of Child Health and Human Development encourages applications from academic institutions or individuals to conduct health disparities-related meetings, workshops, and symposia through the use of Community-Based Participatory Research (CBPR). The grant supports projects that will build a partnership with an established community organization to employ local strengths and resources in all phases of research and interventions, providing channels for dissemination of knowledge from each partner. The objectives of meetings conducted as part of this award will be to: (1) establish and/or enhance academic-community partnerships; (2) identify community-driven research priorities; and (3) develop long-term collaborative CBPR research agendas. Partnerships may focus on: infant mortality; Sudden Infant Death Syndrome (SIDS); childhood and/or adolescent obesity; health literacy; techniques for outreach and information dissemination; pediatric and maternal HIV/AIDS prevention; and violence prevention. It is expected that these partnerships will identify community needs, leading to future grant applications for the support of CBPR projects designed to these needs. Grant applications are due by April 10, 2012; October 17, 2012; and October 17, 2013. Click here for more information.

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CAREER DEVELOPMENT AND RECOGNITION; FELLOWSHIPS

ACS: Postdoctoral Fellowships
Application Submission Date: April 1 and October 15 annually
The American Cancer Society funds this award to support the training of researchers who have received a doctoral degree to provide initial funding leading to an independent career in cancer research (including basic, preclinical, clinical, cancer control, psychosocial, behavioral, epidemiology, health services and health policy research). Awards may be for three years with progressive stipends of $44,000, $46,000, and $48,000 per year, plus a $4,000 per year fellowship allowance. Depending on availability of special endowment funds, the Society annually selects one or more of the top-ranked fellowships to be supplemented above the standard stipend. Click here for further information.

ACS: Mentored Research Scholar Grants in Applied and Clinical Research
Application Submission Date: April 1 and October 15 annually
The American Cancer Society funds this award to support mentored research by full-time faculty, typically within the first four years of their appointment, with the goal of becoming independent investigators in clinical, cancer control and prevention, epidemiologic, psychosocial, behavioral, health services and health policy research. Awards are made up to five years and for up to $135,000 per year (direct costs) plus 8% allowable indirect costs. These grants are not renewable. Click here for further information.

NICHD: Continuing Education Training Programs (T15)
PAR-11-233
Application Submission Date: May 25, 2012
The Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD), National Institutes of Health (NIH) encourages applications to develop, implement and evaluate innovative and interactive short-term training courses for scientists interested in learning state-of-the-art procedures used for conducting research on topics relevant to NICHD's mission. These topics include reproductive, developmental, behavioral, social, and rehabilitative processes that relate to the health and well-being of newborns, infants, children, adults, families, and populations. The Continuing Education Training Grant (T15) is designed to assist institutions to establish, expand, or improve programs of continuing professional education, especially for programs dealing with new developments in the science or technology of the profession. The mechanism is intended for the support of short, advanced-level courses, to emphasize new techniques and enhance skills of scientists. Depending on the goals of the proposed training programs, the duration of the short courses can vary from one week or less to a maximum of 12 weeks. Recurring courses are welcome. The research interests of NICHD are described in more detail at: http://www.nichd.nih.gov/research/org/supported_by.cfm. Letters of intent are due 30 days prior to application due date. Grant applications are due by May 25, 2012. Click here for more information.

NIDA: Behavioral Science Track Award for Rapid Transition (B/START) (R03)
PAR-09-239
Application Submission Date: June 16, 2012
The National Institute on Drug Abuse (NIDA), through the issuance of this funding opportunity announcement (FOA), seeks to facilitate the entry of beginning investigators into the field of behavioral science research. NIDA invites newly independent investigators to submit applications for small-scale, exploratory, or pilot research projects related to NIDA's behavioral sciences mission. Funding of B/START awards is relatively rapid, i.e., within approximately six months of the date of receipt of the application. To be appropriate for a B/START award, research must be primarily focused on behavioral processes and research questions. Thus, research on neural, genetic, or other biological processes would be appropriate for a B/START award only if its overall emphasis were on understanding behavioral processes or outcomes. Behavioral research proposed under B/START need not be conducted in drug-abusing populations or involve administration of drugs; however, the relevance of the research to drug abuse or drug addiction must be clearly established in the application. Grant applications are due by June 16, 2012. Click here for more information.

NIDA: Diversity-promoting Institutions Drug Abuse Research Program (DIDARP) (R24)
PAR-11-060
Application Submission Date: September 10, 2012
The National Institute on Drug Abuse (NIDA) is seeking applications from institutions that serve economically disadvantaged students and communities. Applications should propose to develop or strengthen the drug abuse research infrastructure at the institution and foster the research career development of a diverse cadre of faculty, students and staff who are currently underrepresented in drug abuse research. All capacity development and research activities must address scientific areas related to the mission and priorities of NIDA. Letters of intent are due by August 10, 2012. Grant applications are due by September 10, 2012. Click here for more information.
NIDA: NIDA Mentored Clinical Scientists Development Program Award in Drug Abuse and Addiction (K12)
PAR-10-177
Application Submission Date: June 12, 2012
The goal of NIH-supported career development programs is to help ensure that a diverse pool of highly trained scientists is available in adequate numbers and in appropriate research areas to address the Nation's biomedical, behavioral, and clinical research needs. The purpose of the NIDA Mentored Clinical Scientists Development Award in Drug Abuse and Addiction (K12) is to encourage institutions to develop and/or sustain programs that support intensive, mentored research training and career development experiences for clinician scientists (scholars). It is expected that these programs will provide scholars the mentoring, training, and research experiences necessary for research independence in the area of drug abuse and addiction. Each award is intended to support scholars for 3-5 years of consecutive 12-month appointments. Applications for this award must propose a career development and research plan that has: (1) intrinsic research importance in the area of drug abuse and addiction and is within the mission of NIDA, (2) will serve as a suitable vehicle for learning the methodology, theories, and concepts needed for a well-trained, independent clinician researcher in the area of drug abuse and addiction; and (3) will ensure high research productivity. Grant applications are due by June 12, 2012. Click here for more information.

NIDA: NIDA Research Education Program for Clinical Researchers and Clinicians (R25)
PAR-10-173
Application Submission Date: May 25, 2012
The National Institute on Drug Abuse (NIDA) at the National Institutes of Health (NIH) is soliciting applications from organizations/institutions that are training individuals for careers as clinicians/clinical researchers. The award will support research related clinical training in any area related to substance use/abuse/addiction, especially etiology, clinical assessment and diagnostics, treatment, prevention, health services, clinical neuroscience, medical consequences of drug abuse, and pre-clinical research related to translational research. Letters of intent are due 30 days prior to application submission date. Applications are due May 25, 2012. Click here for more information.

NIGMS: Bridges to the Doctorate Program (R25)
PAR-11-279
Application Submission Date: May 25, 2012
This Funding Opportunity Announcement (FOA) issued by the National Institute of General Medical Sciences (NIGMS), National Institutes of Health (NIH), encourages applications from institutions that propose to increase the pool of master’s degree students from underrepresented backgrounds who go on to research careers in the biomedical and behavioral sciences, and who are trained and available to participate in NIH-funded research. This initiative promotes partnerships/consortia between colleges or universities granting a terminal master’s degree with institutions that offer the doctorate degree. The program expects that the joint efforts of doctorate degree-granting and master’s degree-granting institutions will foster the development of a well-integrated institutional program that will provide students from underrepresented groups with the necessary academic preparation and skills to enable their transition and successful completion of the Ph.D. degree in biomedical and behavioral sciences. The Bridges to the Doctorate program must select and employ well-integrated strategies, rooted in education research, that provide students what they need to progress to the next stage of the science education pathway. For example, analysis of successful science programs by Jolly, Campbell, and Perlman entitled “Engagement, Capacity and Continuity: A Trilogy for Student Success” (GE Foundation, September 2004) concluded that three factors must be present for students to succeed in the sciences and be able to continue in the education pipeline. These factors are: 1) student engagement in the sciences, i.e., awareness, interest and motivation; 2) knowledge and skills needed to advance to increasingly more rigorous content in the sciences and quantitative disciplines; and 3) presence of a well-designed system where the skills, knowledge and information that students need to move to more advanced levels are provided at each earlier, less advanced level. These three factors are interdependent and each is necessary. Grant applications are due by May 25, 2012. Click here for more information.

NIH: Academic Career Award (Parent K07)
PA-11-192
Application Submission Date: June 12, 2012
The purpose of the NIH Academic Career Award (K07) is to provide support to increase the pool of individuals with academic and research expertise to become academic researchers and to enhance the educational or research capacity at the sponsoring institution. The Academic Career Award supports K07 Development awards for more junior level candidates and K07 Leadership awards for more senior individuals with acknowledged scientific expertise and leadership skills. Prospective candidates are encouraged to contact the relevant NIH staff for IC-specific programmatic and budgetary information: Table of IC-Specific Information, Requirements and Staff Contacts. Grant applications are due by June 12, 2012. Click here for more information.
NIH: Clinical Research Education and Career Development (CRECD) in Minority Institutions (R25)  
PAR-11-325  
**Application Submission Date: November 2, 2012**  
The National Institute of Health (NIH) Clinical Research Education and Career Development (CRECD) Program seeks to expand the national capability to improve diversity for research in the health sciences by developing the research workforce in clinical and translational sciences though providing grant support to minority institutions that offer doctorate degrees in the health professions or in a health-related science. The primary goals of the CRECD program are to: (1) support development and implementation of curriculum-dependent programs to train selected doctoral and postdoctoral participants in clinical research leading to a Master of Science in Clinical Research or Master of Public Health in a clinically relevant area; (2) develop a diverse group of clinical researchers who have the necessary knowledge and skills to pursue clinical research and can become part of translational and/or patient-oriented research, particularly on diseases that disproportionately impact minority populations. The CRECD program must be focused on clinical and translational sciences, and each applicant must assess and plan a program to address its own research education and career development needs and strategic vision. Letters of intent are due by **October 2, 2012**. Applications are due by **November 2, 2012**. Click here for more information.

NIH: Extramural Loan Repayment Programs (LRP)  
NOT-OD-08-083  
**Application Submission Date: Annually from September 1 through December 1**  
The National Institutes of Health (NIH) announces the continued availability of educational loan repayment under the extramural Loan Repayment Programs (LRP). 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. There are 5 LRP programs that assist: Clinical Researchers, Pediatric Researchers, Health Disparities Researchers, Contraception and Infertility Researchers, and Clinical Researchers from Disadvantaged Backgrounds. Each of the five 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 December 1. Applications must be submitted electronically using the NIH Loan Repayment Program Website, www.lrp.nih.gov. Click here for more information.

NIH: International Neuroscience Fellowship (F05)  
PAR-11-106  
**Application Submission Deadline: August 16, 2012**  
The goal of the International Neuroscience Fellowship (INF), sponsored by several Institutes within the National Institutes of Health (NIH), is to advance the training of qualified foreign neuroscientists and clinicians at the early or mid-career level, by enhancing their basic, translational or clinical research skills in a research setting in the United States. This program aims to strengthen the intellectual capital of neuroscience research in international institutions. Awardees are expected to pursue future independent and productive careers, which stimulate research in the neuroscience on a global scale. Eligible individual applicants include non-immigrant foreign scientists at the early or mid-career level. All applicants must have a doctoral or equivalent degree, and an endorsement from their home institution, with a guaranteed appointment upon completion of the fellowship. Applicants must be proficient in English and must have a sponsor in the U.S. who is affiliated with an eligible U.S. organization. All applicants must be from a low- to middle-income country based on Gross National Income per capita classified by the World Bank (http://go.worldbank.org/K2CKM78CC0). All applications for the INF must be submitted from the U.S. Sponsoring Institution. The broader goal of this program announcement is to strengthen the intellectual capital of neuroscience research in foreign institutions, particularly those with limited economic resources. It is hoped that this funding opportunity announcement (FOA) will enhance the quality and quantity of international neuroscience research, while fostering long lasting collaborations between foreign and U.S. neuroscientists. Letters of intent are due by **July 16, 2012**. Grant applications are due by **August 16, 2012**. Click here for more information.

NIH: International Research Ethics Education and Curriculum Development Award (R25)  
PAR-10-174  
**Application Submission Date: May 10, 2012**  
Several institutes at the National institutes of Health (NIH), including the National Institute on Child Health and Human Development (NICHD) and the National Institute of Mental Health (NIMH), are seeking applications from organizations/institutions that wish to develop masters level curricula and provide educational opportunities in developing countries for academics, researchers, and health professionals on the ethics related to performing research using human subjects in international resource poor settings. Letters of intent are due by **April 10, 2012**. Applications are due by **May 10, 2012**. Click here for more information.
NIH: Jointly Sponsored Ruth L. Kirschstein National Research Service Award Institutional Predoctoral Training Program in the Neurosciences (T32)
PAR-12-084
Application Submission Deadline: May 25, 2012
Several Institutes at the National Institutes of Health (NIH) jointly sponsor the Predoctoral Training Program in the Neurosciences, which supports broad and fundamental research training in the neurosciences via institutional research training grants (T32) at domestic institutions of higher education. Trainees appointed to this training grant are financially supported for either one or two years, during the first 2 years of their graduate research training. The primary objective is to prepare individuals for careers in neuroscience that have a significant impact on the health-related research needs of the nation. Individuals supported by the award should be committed to a career in research and committed to obtaining a PhD degree. Letters of intent are due by April 25, 2012. Grant applications are due by May 25, 2012. Click here for more information.

NIH: MBRS Research Initiative for Scientific Enhancement (RISE) (R25)
PAR-10-004
Application Submission Deadline: May 25, 2012
The Minority Biomedical Research Support (MBRS) Program was created in response to a legislative mandate of increasing the participation of underrepresented (UR) minority faculty, investigators and students engaged in biomedical and behavioral research, and to broaden the opportunities for their participation in biomedical and behavioral research. To accomplish this goal, the Research Initiative for Scientific Enhancement (RISE) program provides institutional grants to establish research education programs at minority-serving institutions that will increase the preparation and skills of UR students in the biomedical and behavioral sciences as they academically advance in the pursuit of the Ph.D. degree in these fields. Furthermore, RISE program undergraduates (UG) at the community college level are expected to graduate and transition directly to the next academic step, UG at the B.S/B.A level and M.S. degree participants are expected to directly matriculate into Ph.D. programs, and Ph.D. participants are expected to complete their terminal degrees in biomedical and/or behavioral research fields and advance to competitive postdoctoral positions. Thus, it is also expected that the RISE program contributes to reducing the national gap in the completion of Ph.D. degrees between UR and non-UR students in the biomedical and behavioral sciences. Grant applications are due by May 25, 2012. Click here for more information.

NIH: Research Supplements to Promote Re-Entry into Biomedical and Behavioral Research Careers PA-08-191
Application Submission Date: Applications may be submitted at any time
The Office of Research on Women’s Health (ORWH), participating Institutes and Centers (ICs) of the National Institutes of Health (NIH), and the Office of Dietary Supplements (ODS) announce a continuing program for administrative supplements to research grants to support individuals with high potential to re-enter an active research career after a qualifying interruption for family or other responsibilities. The purpose of this funding opportunity is to increase the number of underrepresented racial and ethnic groups, women, individuals with disabilities, and people from disadvantaged backgrounds in biomedical, behavioral, clinical and social science research careers. This program will provide administrative supplements to existing NIH research grants for the purpose of supporting full-time or part-time research by these individuals in a program geared to bring their existing research skills and knowledge up to date. It is anticipated that at the completion of the supplement, the re-entry scientist will be in a position to apply for a career development (K) award, a research award (R), or some other form of independent research support. Applications may be submitted at any time. Click here for more information.

NIH: Ruth L. Kirschstein National Research Service Awards for Individual Postdoctoral Fellows (Parent F32)
PA-11-113
Application Submission Date: Applications may be submitted at any time
Several Institutes at the NIH, including the Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD) invite applications for Ruth L. Kirschstein National Research Service Awards for Individual Postdoctoral Fellows. The proposed postdoctoral training must offer an opportunity to enhance the applicant's understanding of the health-related sciences, and must be within the broad scope of biomedical, behavioral, or clinical research or other specific disciplines relevant to the research mission of the participating NIH Institutes and Centers. Applicants with a health professional doctoral degree may use the proposed postdoctoral training to satisfy a portion of the degree requirements for a master's degree, a research doctoral degree or any other advanced research degree program. The overall goal of the NIH Ruth L. Kirschstein National Research Service Award (NRSA) program is to help ensure that a diverse pool of highly trained scientists is available in appropriate scientific disciplines to address the Nation's biomedical, behavioral, and clinical research needs. Grant Applications may be submitted at any time. Click here for more information.
**NIH: Ruth L. Kirschstein National Research Service Awards for Individual Predoctoral Fellows (Parent F31) PA-11-111**

**Application Submission Date: Applications may be submitted at any time**

Several Institutes at the NIH, including the National Institute of Mental Health (NIMH) invite applications for the Ruth L. Kirschstein National Research Service Awards for Individual Predoctoral Fellows program. The purpose of the award is to provide support for promising doctoral candidates who will be performing dissertation research and training in scientific health-related fields relevant to the missions of the participating NIH Institutes during the tenure of the award. The award will provide up to five years of support for research training which leads to the PhD or equivalent research degree, the combined MD/PhD degree, or another formally combined professional degree and research doctoral degree in the biomedical, behavioral, or clinical sciences. Applicants for the award must propose a dissertation research project and training program that fall in a research area within the scientific mission of the participating Institutes. The proposed predoctoral research training must offer an opportunity to enhance the fellow's understanding of the health-related sciences and extend his/her potential for a productive, independent research career. The training should provide the applicant with the opportunity to interact with members of the scientific community at appropriate scientific meetings and workshops (including NIH-sponsored meetings, where available). The application should document the need for the proposed research training and the expected value of the proposed fellowship experience as it relates to the individual's goals for a career as an independent researcher. Grant Applications may be submitted at any time. Click [here](#) for more information.

**NIH: Ruth L. Kirschstein National Research Service Awards for Individual Predoctoral Fellowships to Promote Diversity in Health-Related Research (Parent F31 - Diversity) PA-11-112**

**Application Submission Date: Applications may be submitted at any time**

Several Institutes at the NIH, including the Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD) invite applications for Ruth L. Kirschstein National Research Service Awards for Individual Predoctoral Fellowships to Promote Diversity in Health-Related Research. The purpose of the predoctoral fellowship is to provide up to five years of support for research training leading to the PhD or equivalent research degree, the combined MD/PhD degree (up to six years of support); or another formally combined professional degree and research doctoral degree in the biomedical, behavioral, health services, or clinical sciences. These fellowships will enhance the diversity of the biomedical, behavioral, health services, and clinical research labor force in the United States by providing opportunities for academic institutions to identify and recruit students from diverse population groups to seek graduate degrees in health-related research and apply for this fellowship. The goal of this program is to increase the number of scientists from diverse population groups who are prepared to pursue careers in biomedical, behavioral, social, clinical, or health services research. Grant Applications may be submitted at any time. Click [here](#) for more information.

**NIH: Ruth L. Kirschstein National Research Service Award (NRSA) Institutional Research Training Grants (T32) PA-10-036**

**Application Submission Date: May 25, 2011**

Several Institutes at the NIH, including the Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD) invite applications for Ruth L. Kirschstein National Research Service Award (NRSA) Institutional Research Training Grants. The objective of the NRSA program is to provide predoctoral and postdoctoral research training opportunities for individuals interested in pursuing research careers in biomedical, behavioral and clinical research. Within the framework of the NRSA program’s longstanding commitment to excellence and projected need for investigators in particular areas of research, attention must be given to recruiting trainees from racial or ethnic groups underrepresented in the biomedical, behavioral and clinical sciences, individuals with disabilities, and individuals from disadvantaged backgrounds. Grant applications are due by [May 25, 2011](#). Click [here](#) for more information.

**NIJ: Longitudinal Data on Teen Dating Violence: Postdoctoral Fellowship NIJ-2012-3090**

**Application Submission Date: April 24, 2012**

The Department of Justice (DOJ), Office of Justice Programs (OJP), National Institute of Justice (NIJ), is seeking applications for research related to teen dating violence (also known as adolescent relationship abuse). In particular, NIJ is seeking proposals that explore predictors and consequences of teen dating violence using longitudinal data, through the support of postdoctoral fellows, to analyze existing data. All proposals, whether stemming from applied or basic research, need to have a strong theoretical basis. NIJ anticipates that up to a total of $600,000 may become available for two to three awards made through this solicitation. Proposals can include more than one research project but are limited to 3 years. Grant applications are due by [April 24, 2012](#). Click [here](#) for more information.

**NIJ: Research and Evaluation on Violence Against Women: Sexual Violence, Stalking, and Teen Dating Violence**
NIJ Application Submission Date: April 26, 2012
The Department of Justice (DOJ), Office of Justice Programs (OJP), National Institute of Justice (NIJ), is seeking research and evaluation on specific issues related to sexual violence, stalking, and teen dating violence. In the area of teen dating violence (i.e., adolescent relationship abuse), applications are sought for additional waves of data for existing longitudinal projects. Investigators are encouraged to extend or enhance studies that were designed to examine, prevent, or ameliorate the effects of other behaviors in childhood and adolescence by adding measures of adolescent relationship abuse. For the purposes of this solicitation, measures of teen dating violence can be used as the outcome of interest, the predictor, or both, depending on the age of the research participants and existing data. NIJ encourages applicants to add new waves of data to applied or basic research studies. NIJ anticipates that up to a total of $3 million may become available for up to 6 awards made through this solicitation. Grant applications are due by April 26, 2012. Click here for more information.

NIMH: Career Transition Award for Intramural Investigators (K22) PAR-09-246
Application Submission Date: June 12, 2012
The intent of the NIMH Career Transition (K22) Program is to assist NIMH Division of Intramural Research Programs (DIRP) investigators in achieving their research career goals. The specific goals of this initiative are to: 1) support scientists conducting research in the NIMH intramural program who aim to transition to research positions in the extramural community where they intend to continue already successful biomedical careers as independent research scientists; and 2) foster the further development of these independent scientists and enable them to expand their potential to make significant contributions to their field of mental-health-related research. Grant applications are due by June 12, 2012. Click here for more information.

NIMH: Mental Health Research Dissertation Grant to Increase Diversity (R36) PAR-12-103
Application Submission Date: April 23, 2012
The goal of this Funding Opportunity Announcement (FOA), issued by the National Institute of Mental Health (NIMH), is to increase the diversity of the mental health research workforce by providing awards to support the completion of the doctoral research projects and dissertations for individuals from diverse backgrounds underrepresented in mental health research. The Mental Health Dissertation Research Grant to Increase Diversity allows for budget requests to cover full-time salary support and modest research funds for up to two years, but no less than 12 months, for eligible students to facilitate completion of their doctoral research project and dissertation in a research area relevant to the NIMH mission and strategic research priorities (http://www.nimh.nih.gov/research-funding/research-priorities/nimh-strategic-research-priorities.shtml). These awards are available to predoctoral students who are enrolled in good standing at accredited domestic or foreign institutions and who have an approved dissertation proposal at the time of the award. Applicants must have the goal of becoming successful researchers in areas of biomedical or behavioral science relevant to the mission of the NIMH. Grant applications are due by April 23, 2012. Click here for more information.

NIMH: Research Education Grants (R25) PAR-10-267
Application Submission Date: September 25, 2012
This funding opportunity announcement (FOA) issued by the National Institute of Mental Health (NIMH) encourages applications from institutions/organizations that propose creative and innovative research educational programs to facilitate the development of a cadre of investigators in appropriate scientific areas to fulfill the objectives of the NIMH Strategic Plan. The interests of the NIMH are broad, spanning from basic neuroscience, human genetics/genomics and translational research to interventions and mental health services research across the lifespan. While not limited to the categories and examples provided below, the NIMH is particularly interested in innovative applications that propose to develop short courses or workshops, research mentoring networks, activities during medical school and/or residency that encourage the development of research-oriented physician-scientists, or that combine didactic instruction with ongoing mentoring and research opportunities. Letters of intent are due 30 days prior to the application submission deadline. Applications are due by September 25, 2012. Click here for more information.

NINDS: Diversity Research Education Grants in Neuroscience (R25) PAR-11-010
Application Submission Deadline: January 25, 2013
The National Institute of Neurological Disorders and Stroke (NINDS) will issue grants to support the development and/or implementation of programs to: (1) increase the number of Ph.D.-level research scientists from diverse backgrounds including graduate, post-doctoral and/or junior-faculty career levels; and (2) advance the careers of the participants to the next step in their education. Funding support for the R25 Diversity Research Education Programs should lead to
increased recruitment, mentoring, education and retention of researchers from diverse backgrounds in the neuroscience scientific workforce. The NINDS Research Education Grant is a flexible and specialized mechanism designed to foster the development of neuroscience researchers through creative and innovative research educational programs including regional and national programs. Letters of intent are due 30 days prior to the application submission date. Grant applications are due by January 25, 2013. Click here for more information.

NSF: Historically Black Colleges and Universities - Undergraduate Program
NSF 12-519
Application Submission Deadline: March 12, 2012
Historically Black Colleges and Universities (HBCUs) have awarded a large share of bachelor's degrees to African American students in science, technology, engineering and mathematics (STEM), and the top ten baccalaureate institutions of African American STEM doctorate recipients from 2002-2006 are HBCUs. To meet the nation's accelerating demands for STEM talent, more rapid gains in achievement, success and degree production in STEM for underrepresented minority populations are needed. The National Science Foundation's (NSF) Historically Black Colleges and Universities Undergraduate Program (HBCU-UP) is committed to enhancing the quality of undergraduate STEM education and research at HBCUs as a means to broaden participation in the nation's STEM workforce. To this end, HBCU-UP provides awards to develop, implement, and study innovative models and approaches for making dramatic improvements in the preparation and success of HBCU undergraduate students so that they may participate successfully in STEM graduate programs and/or careers in STEM disciplines. Support is available for Targeted Infusion Projects, Broadening Participation Research Projects, Research Initiation Awards, Implementation Projects and Achieving Competitive Excellence Implementation Projects, as well as other funding opportunities. Grant applications are due by March 12, 2012. Click here for more information.

NSF: The Integrative Graduate Education and Research Traineeship (IGERT) Program
NSF 11-533
Application Submission Deadline: July 2, 2012
The Integrative Graduate Education and Research Traineeship (IGERT) program at the National Science Foundation (NSF) seeks to support new models in graduate education. This solicitation intends to catalyze an institutional change to integrate innovation, education, and training in addition to interdisciplinary research, teamwork, and professional skills. Proposals submitted to the IGERT program must describe integrative, research-based, graduate education and training activities in emerging areas of science and engineering. Proposals may include research represented in any of the sponsoring directorates or offices listed on the program solicitation masthead, including the Directorate for Social, Behavioral and Economics Sciences and the Directorate for Education and Human Resources. IGERT recognizes that globalization of research and career opportunities requires students to acquire an international perspective. This perspective may be gained through programs within the institution, or through strongly integrated, collaborative research experiences and/or fieldwork at foreign institutions and sites. The graduate experience should contribute to the professional and personal development of the students and equip them to understand and integrate scientific, technical, business, social, ethical, policy and global issues to confront the challenging problems of the future. Outreach activities involving K-12 teachers and students to engage and inspire future STEM innovators, and provide teachers with state-of-the-art knowledge emanating from the interdisciplinary themes, are encouraged. In order to contribute to a diverse science and engineering workforce for the future, the IGERT project must include strategies for recruitment, mentoring, and retention aimed at members of groups underrepresented in science and engineering. Letters of intent are due by May 1, 2012. Applications are due by July 1, 2012. Click here for more information.

NSF: Research Experience for Undergraduates
NSF 09-598
Application Submission Date: June 1, 2012
The National Science Foundation's (NSF) Research Experiences for Undergraduates (REU) program supports research participation by undergraduate students in any of the research areas funded by the National Science Foundation (NSF), such as the Social, Behavioral, and Economic Sciences (SBE). REU is a major contributor to the NSF goal of developing a diverse, internationally competitive, and globally-engaged science and engineering workforce because it draws on the integration of research and education to attract a diverse pool of talented students into careers in science. This solicitation features two mechanisms for support of student research: (1) REU Sites are based on independent proposals to initiate and conduct projects that engage a number of students in research, and (2) REU Supplements may be requested for ongoing NSF-funded research or may be included as a component of proposals for new or renewal NSF grants. Applications are due by June 1, 2012. Click here for more information.

NSF: SBE Doctoral Dissertation Research Improvement Grants
Application Submission Date: Due dates vary across programs
The National Science Foundation's Division of Behavioral and Cognitive Sciences (BCS), Division of Social and Economic Sciences (SES), and Division of Science Resources Statistics (SRS) award grants to doctoral students to improve the quality of dissertation research. These grants provide funds for items not normally available through the student's university. Additionally, these grants allow doctoral students to undertake significant data-gathering projects and to conduct field research in settings away from their campus that would not otherwise be possible. Proposals are judged on the basis of their scientific merit, including the theoretical importance of the research question and the appropriateness of the proposed data and methodology to be used in addressing the question. In an effort to improve the quality of dissertation research, many programs in BCS, SES, and the Research on Science and Technology Surveys and Statistics Program within SRS accept doctoral dissertation improvement grant proposals. Click here for more information.

**NSF: Scholarships in Science, Technology, Engineering, and Mathematics**  
**NSF 12-529**  
**Application Submission Date: August 14, 2012**  
The National Science Foundation's (NSF) Scholarships in Science, Technology, Engineering, and Mathematics (S-STEM) program provides institutions with funds for student scholarships to encourage and enable academically talented students demonstrating financial need to enter the STEM workforce or STEM graduate school following completion of an associate, baccalaureate, or graduate degree in fields of science, technology, engineering, or mathematics. The S-STEM program emphasizes the importance of recruiting students to STEM disciplines, mentoring and supporting students through degree completion, and partnering with employers to facilitate student career placement in the STEM workforce. Participating institutions are expected to support the goals of the S-STEM program including the following: (1) Improved educational opportunities for students; (2) Increased retention of students to degree achievement; (3) Improved student support programs at institutions of higher education; and (4) Increased numbers of well-educated and skilled employees in technical areas of national need. Students to be awarded scholarships must demonstrate academic talent and financial need. S-STEM grants may be made for up to five years and provide individual scholarships of up to $10,000 per year, depending on financial need. Grant applications are due by August 14, 2012. Click here for more information.

**NSF: Science, Technology, Engineering, and Mathematics Talent Expansion Program**  
**NSF 11-550**  
**Application Submission Date: September 25, 2012**  
The National Science Foundation’s (NSF) Science, Technology, Engineering, and Mathematics Talent Expansion Program (STEP) seeks to increase the number of students (U.S. citizens or permanent residents) receiving associate or baccalaureate degrees in established or emerging fields within science, technology, engineering, and mathematics (STEM). Increasing the number of undergraduate students obtaining STEM degrees will provide a workforce that is prepared to ensure a healthy economy, respond to demands for national security, and maintain and elevate the quality of life and standard of living in the U.S. through technological and scientific advancements. In particular, STEP seeks to fund two types of proposals: (1) Type 1 proposals are solicited that provide for full implementation efforts at academic institutions, and (2) Type 2 proposals are solicited that support educational research projects on associate or baccalaureate degree attainment in STEM. The most competitive proposals are those based on an institutional self-study that has determined when and why students leave STEM majors at the institution or identify untapped recruitment opportunities, and that focus on changing the situation through appropriate strategies. A project that supports only a targeted cohort of students without including strategies for on-going institutional change is not likely to be competitive. Applications are due by September 25, 2012. Click here for more information.

**NSF: Science, Technology, and Society**  
**NSF 08-553**  
**Application Submission Deadline: August 1 annually**  
The NSF Science and Society (S&S) program solicitation considers proposals that examine questions that arise in the interactions of engineering, science, technology, and society. The solicitation includes four components: Ethics and Values in Science, Engineering and Technology (EVS); History and Philosophy of Science, Engineering and Technology (HPS); Social Studies of Science, Engineering and Technology (SSS); and Studies of Policy, Science, Engineering and Technology (SPS). The components overlap, but are distinguished by the different scientific and scholarly orientations they take to the subject matter, as well as by different focuses within the subject area. The S&S program provides several modes of support, including: (1) S&S Scholars Awards; (2) Standard Research Grants and Grants for Collaborative Research; (3) S&S Postdoctoral Fellowships; (4) S&S Professional Development Fellowships; (5) Doctoral Dissertation Research Improvement Grants; (6) Small Grants for Training and Research; (7) Conference and Workshop Awards; and (8) Other Funding Opportunities. Grant applications are due by August 1. Click here for more information.
GENERAL FUNDING MECHANISMS

NICHD: Academic-Community Partnership Conference Series (R13)
PAR-12-102
Application Submission Date: April 10, 2012; October 17, 2012; October 17, 2013
The Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD), National Institutes of Health (NIH) encourages Research Conference Grant (R13) applications from academic institutions or individuals to conduct health disparities-related meetings, workshops, and symposia through the use of Community-Based Participatory Research (CBPR). The grant supports projects that will build a partnership with an established community organization to employ local strengths and resources in all phases of research and interventions, providing channels for dissemination of knowledge from each partner. The objectives of meetings conducted as part of this award will be to: (1) establish and/or enhance academic-community partnerships; (2) identify community-driven research priorities; and (3) develop long-term collaborative CBPR research agendas. The areas of focus for these partnerships may include one or more of the following community-health issues: infant mortality; Sudden Infant Death Syndrome (SIDS); fibroid tumors; childhood, adolescent and/or adult obesity; health literacy; techniques for outreach and information dissemination; pediatric and maternal HIV/AIDS prevention; and violence prevention. It is expected these partnerships will identify community needs, leading to future grant applications for the support of CBPR projects designed to these needs. Grant applications are due by April 10, 2012; October 17, 2012; and October 17, 2013. Click here for more information.

NICHD: Program Project Grant (P01)
PAR-10-245
Application Submission Date: May 25, 2012
The National Institute of Child Health and Human Development (NICHD) seeks applications from organizations and institutions that propose to conduct research on reproductive, developmental, behavioral, social, and rehabilitative processes that determine the health or functioning of newborns, infants, children, adults, families, and populations. This grant encourages investigations of complex problems relevant to NICHD’s mission. The size and duration of each award will vary. For new applications, up to $750,000 can be requested for the first year, with a cumulative total funding request of no more than $4,000,000 over a five-year period. For continuation applications, the first-year direct cost cap is either $750,000 or an amount 10% above the direct costs awarded in the last non-competing year, whichever is greater. There is also a cumulative cap of $5,000,000 in direct costs over a 5-year award period. Grant applications are due May 25, 2012. Click here for more information.

NIH: Biomedical/Biobehavioral Research Administration Development Award (G11)
PAR-11-270
Application Submission Deadline: July 31, 2012
The Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD), the Fogarty International Center (FIC), and the National Institute of Allergy and Infectious Diseases (NIAID), encourage applications from eligible domestic and foreign institutions that propose to build capacity in their research administration infrastructures. The Biomedical/Biobehavioral Research Administration Capacity Development (BRAD) Program promotes the establishment of rigorous and externally supported biomedical and biobehavioral research and/or research-related training programs by providing support for strengthening institutional research administration infrastructures. This program provides training in NIH policies and procedures through distance learning and an NIH Residency Training Program. Additionally, funds are provided to strengthen existing or facilitate the establishment of new research administration infrastructures such as Offices of Sponsored Projects (OSP), Offices of Research and Sponsored Projects (ORSP), or components of such entities. The goal of the BRAD program is to enable eligible institutions to develop research support infrastructures that will facilitate the thorough oversight and administrative management of extramural grant awards, foster and facilitate ongoing research activities at the institution, and serve as the main organizational entity for the technical development of grant proposal submissions and oversight. Letters of intent are due by June 30, 2012. Grant applications are due by July 31, 2012. Click here for more information.

NIH: NIH Support for Conferences and Scientific Meetings (Parent R13/U13)
PA-10-071
Application Submission Deadline: April 12, 2012
The purpose of the NIH Research Conference Grant Program is to support high quality conferences/scientific meetings that are relevant to the scientific mission of the NIH and to the public health. A conference/scientific meeting is defined as a gathering, symposium, seminar, scientific meeting, workshop or any other organized, formal meeting where persons assemble to coordinate, exchange, and disseminate information or to explore or clarify a defined subject, problem, or area of knowledge. Each NIH Institute and Center (IC) has a scientific purview and different program goals and initiatives that evolve over time. Prior to preparing an application, it is critical that all applicants consult the appropriate IC representative
The goal of the National Science Foundation’s (NSF) ADVANCE program is to develop systemic approaches to increase the representation and advancement of women in academic science, technology, engineering and mathematics (STEM) careers, thereby contributing to the development of a more diverse science and engineering workforce. ADVANCE focuses on ensuring that women faculty with earned STEM degrees consider academia as a viable and attractive career option. This program does not support projects to increase or retain the number of women entering into or persisting in STEM doctoral degree programs. Creative strategies to realize the ADVANCE program goal are sought from women and men. Members of underrepresented minority groups and individuals with disabilities are especially encouraged to apply.

Proposals that address the participation and advancement of academic STEM women from underrepresented minority groups and women with disabilities are particularly encouraged. Proposal components that systemically enhance and provide access to international collaborations are encouraged. Proposals from community colleges, primarily undergraduate institutions, minority-serving institutions (e.g. Tribal Colleges and Universities, Historically Black Colleges and Universities, Hispanic-Serving Institutions, Native Hawaiian Serving Institutions and Tribal Colleges and Universities), women's colleges, and institutions primarily serving persons with disabilities are encouraged. Grant applications for the 2011-2012 grant submission is now closed; check the NSF website for updates on the 2012-2013 ADVANCE grant. Click here for more information.
AUTISM

NIMH/NICHD: Psychosocial/Behavioral Interventions and Services Research in Autism Spectrum Disorders (R34)
PA-11-283
Application Submission Date: June 16, 2012
Several Institutes at the National Institutes of Health (NIH), including the National Institute of Mental Health (NIMH) and the Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD) solicit proposals for research on psychosocial/behavioral treatments and innovative services research for autism spectrum disorders, including the development of instruments to evaluate the impact of interventions on core features of autism spectrum disorders, and comorbid symptomatology. Research is encouraged on: 1) the development and/or pilot testing of new or adapted interventions or instruments, 2) pilot testing novel interventions in preparation for larger efficacy trials, or 3) innovative services research directions that require preliminary testing or development, as well as to facilitate the program goal of enhancing autism research through the broad availability of data and resource infrastructure to further scientific advancement and public health benefits. Grant applications are due by June 16, 2012. Click here for more information.

NIMH/NICHD: Research on Autism and Autism Spectrum Disorders
PA-10-158 (R01); PA-10-159 (R03); PA-10-160 (R21)
Application Submission Dates: June 5, 2012 (R01); June 16, 2012 (R03 & R21)
This funding opportunity announcement (FOA) encourages research grant applications to support research designed to elucidate the etiology, epidemiology, diagnosis, treatment, and optimal means of service delivery in relation to autism spectrum disorders (ASD). Basic, clinical, and applied studies are encouraged. This FOA is intended to support the broad research goals of the Strategic Plan for ASD Research. Basic research into the pathophysiology of autism and autism spectrum disorders, including research on brain mechanisms and genetics, is of special interest. Also of high priority are clinical and applied investigations that may lead to the development of diagnostic research instruments, treatments, and intervention strategies. Specific areas of interest thus include epidemiology, early identification and diagnosis, genetic studies, brain mechanisms, communication skills, cognitive neuroscience, psychosocial (behavioral) interventions, pharmacological and other biological interventions, and support and rehabilitative services across the life-span, including adulthood and the transition to adulthood. Grant applications are due by June 5, 2012 (R01); June 16, 2012 (R03 & R21). Additional information is available online for each of the grants: R01, R03, and R21.

BRAIN FUNCTION AND DEVELOPMENT; NEUROBIOLOGY

CDC: Characterizing the Short and Long Term Consequences of Traumatic Brain Injury among Children in the United States (U01)
RFA-CE-12-004
Application Submission Date: April 30, 2012
The Centers for Disease Control and Prevention (CDC), National Center for Injury Prevention and Control is soliciting research that will help expand and advance the understanding of how traumatic brain injury (TBI) impacts the developmental milestones of children. Through this announcement, the CDC intends to fund projects that have the potential to yield high impact results by reducing public health burden and improving population health on a large scale. Applications should address these research objectives: (1) Characterize the TBI injury received in terms of age at injury, external cause of injury, severity of injury, anatomical location of injury, and type of injury; (2) Describe the natural history of TBI post-injury and treatment(s) received during the acute, post-acute/short-term, and longer-term phases; (3) Describe the short-term and long-term consequences of TBI post-injury, such as school performance, economic impact, behavioral problems, impact on the family system, and need for supportive services; and (4) Characterize the similarities and differences in the attainment of developmental milestones for children who survived a TBI in each of the standard developmental stages. Letters of intent are due by March 30, 2012. Grant applications are due by April 30, 2012. Click here for more information.

NIAAA: Effects of Adolescent Binge Drinking on Brain Development
PA-12-027 (R01); PA-12-028 (R21)
Application Submission Dates: June 5, 2012 (R01); June 16, 2012 (R21)
The National Institute on Alcohol Abuse and Alcoholism (NIAAA) invites applications proposing to conduct mechanistic studies on the effects of adolescent binge alcohol consumption on synaptic maturation and myelin formation in the developing brain. Alcohol is by far the most widely used intoxicant among adolescents in the U.S. and the incidence of adolescent binge drinking is increasing. Critical developmental processes occurring in the adolescent brain may render it
uniquely sensitive to the harmful effects of excessive alcohol consumption; however, the long-term consequences of adolescent binge drinking for maturation of brain structure and function remain poorly understood. Similarly, whether such changes might be permanent, reversible or amenable to treatment has yet to be determined. The objective of this funding opportunity announcement (FOA) is to promote research in animal models on the genetic, molecular and cellular mechanisms underlying the effects of excessive alcohol consumption on specific aspects of adolescent brain development. Studies examining the trajectory of ethanol-related effects from adolescence through adulthood are particularly encouraged. Grant applications are due by June 5, 2012 (R01) and June 16, 2012 (R21). Additional information is available online for each grant: R01 and R21.

NIDA: Neuroscience Research on Drug Abuse
PA-10-268 (R01); PA-10-270 (R03); PA-10-269 (R21)
Application Submission Date: June 5, 2012 (R01); June 16, 2012 (R03 & R21)
This funding opportunity announcement (FOA), issued by the National Institute on Drug Abuse (NIDA), invites research grant applications that are relevant to the understanding of the process(es) and mechanisms underlying drug abuse and addiction. This FOA encourages basic neurobiological studies in model systems as well as studies in normal humans and clinical populations. The topic of study may range from that of a single protein or gene, to that of the entire organism. The level of analysis may be at one or more levels, and studies that incorporate changes over time across multiple scales (e.g., gene to behavior) are sought. Multi- and inter-disciplinary translational studies are especially encouraged. Studies should include sex-based hypotheses and research aims when appropriate. NIDA is especially interested in discerning the genetic basis of vulnerability to addiction, preventing addiction, and developing effective medications or behavioral treatments for treating addiction. Grant applications are due by June 5, 2012 (R01); June 16, 2012 (R03 & R21). Additional information is available online for each grant: R01, R03, and R21.

NIH: Brain Disorders in the Developing World: Research across the Lifespan
PAR-11-030 (R01); PAR-11-031 (R21)
Application Submission Date: January 10, 2013
This Funding Opportunity Announcement (FOA), solicited by several Institutes within the National Institutes of Health (NIH), encourages grant applications proposing the conduct of innovative, collaborative research and research training projects, between high income country (HIC) and low- to middle-income country (LMIC) scientists, on nervous system function and disorders throughout life, relevant to LMICs. The collaborative research programs are expected to contribute to the long-term goals of building sustainable research capacity in LMICs to address nervous system development, function and impairment throughout life and to lead to diagnostics, treatment and prevention strategies. Examples of nervous system disorders contributing to the burden of disease in LMICs and relevant to this FOA, include but are not limited to, neurodevelopmental disorders (including autism, cerebral palsy, fetal alcohol syndrome, learning disabilities etc.), neurodegenerative diseases (such as Alzheimer's and Parkinson's Diseases), addictive disorders, seizure disorders such as epilepsy, neuropsychiatric disorders (such as unipolar depression, bipolar disorder, schizophrenia etc.), posttraumatic stress disorder, dementias, encephalopathy, peripheral neuropathies, motor neuron diseases. Examples of specific conditions that influence nervous system function across the lifespan include, but are not limited to genetic predispositions and epigenetic influences including pre-, peri- and post-natal trauma and environmental factors (such as maternal depression, in-utero drug and alcohol exposure, neurotoxic insults, perinatal hypoxia, child abuse and neglect, inadequate environmental stimulation and nutritional deficiencies), physical and psychological trauma (exposure to violence, rape, physical abuse, traumatic nervous system injury due to violence and accidents), infection of the nervous system by viral and parasitic diseases (such as HIV/AIDS, malaria, neurocysticercosis) and stroke. Other factors affect healthy brain development, including access to appropriate health care and socioeconomic factors. Letters of intent are due by December 10, 2012. Grant applications are due by January 10, 2013. Additional information is available online for each grant: R01, R21.

NIH: Innovative Neuroscience K-12 Education (SBIR [R43/R44])
PAR-10-154
Application Submission Date: April 4, 2012
Several Institutes at the NIH, including the Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD) and the Office of Behavioral and Social Science Research (OBSSR), invite grant applications from small business concerns (SBCs) that propose to develop innovative neuroscience educational tools to be used by or benefit children in kindergarten through 12th grade (K-12). Educational tools can be designed using any media (e.g., paper, electronic, etc.) or format (e.g., simulations, games, videos, notebooks, etc.) for use in or out of school settings, targeting children in groups or alone, with or without adult or teacher participation. Innovative neuroscience educational tools should promote neuroscience knowledge acquisition and application of that knowledge to one's own life, promote an interest in neuroscience learning and careers, and present a positive and realistic representation of the diversity of people who engage in neuroscience-related research and occupations. Educational tools targeted to increase the diversity of
students (i.e., Native American, Black, Hispanic, female, disabled, or otherwise underrepresented) pursuing neuroscience learning are especially encouraged. Grant applications are due by April 4, 2012. Click here for more information.

**NIH: International Neuroscience Fellowship (F05)**

**PAR-11-106**

**Application Submission Deadline: August 16, 2012**

The goal of the International Neuroscience Fellowship (INF), sponsored by several Institutes within the National Institutes of Health (NIH), is to advance the training of qualified foreign neuroscientists and clinicians at the early or mid-career level, by enhancing their basic, translational or clinical research skills in a research setting in the United States. This program aims to strengthen the intellectual capital of neuroscience research in international institutions. Awardees are expected to pursue future independent and productive careers, which stimulate research in the neurosciences on a global scale. Eligible individual applicants include non-immigrant foreign scientists at the early or mid-career level. All applicants must have a doctoral or equivalent degree, and an endorsement from their home institution, with a guaranteed appointment upon completion of the fellowship. Applicants must be proficient in English and must have a sponsor in the U.S. who is affiliated with an eligible U.S. organization. All applicants must be from a low- to middle-income country based on Gross National Income per capita classified by the World Bank (http://go.worldbank.org/K2CKM78CC0). All applications for the INF must be submitted from the U.S. Sponsoring Institution. The broader goal of this program announcement is to strengthen the intellectual capital of neuroscience research in foreign institutions, particularly those with limited economic resources. It is hoped that this funding opportunity announcement (FOA) will enhance the quality and quantity of international neuroscience research, while fostering long lasting collaborations between foreign and U.S. neuroscientists. Letters of intent are due by July 16, 2012. Grant applications are due by August 16, 2012. Click here for more information.

**NIH: Jointly Sponsored Ruth L. Kirschstein National Research Service Award Institutional Predoctoral Training Program in the Neurosciences (T32)**

**PAR-12-084**

**Application Submission Deadline: May 25, 2012**

Several Institutes at the National Institutes of Health (NIH) jointly sponsor the Predoctoral Training Program in the Neurosciences, which supports broad and fundamental research training in the neurosciences via institutional research training grants (T32) at domestic institutions of higher education. Trainees appointed to this training grant are financially supported for either one or two years, during the first 2 years of their graduate research training. The primary objective is to prepare individuals for careers in neuroscience that have a significant impact on the health-related research needs of the nation. Individuals supported by the award should be committed to a career in research and committed to obtaining a PhD degree. Letters of intent are due by April 25, 2012. Grant applications are due by May 25, 2012. Click here for more information.

**NINDS: Diversity Research Education Grants in Neuroscience (R25)**

**PAR-11-010**

**Application Submission Deadline: January 25, 2013**

The National Institute of Neurological Disorders and Stroke (NINDS) will issue grants to support the development and/or implementation of programs to: (1) increase the number of Ph.D.-level research scientists from diverse backgrounds including graduate, post-doctoral and/or junior-faculty career levels; and (2) advance the careers of the participants to the next step in their education. Funding support for the R25 Diversity Research Education Programs should lead to increased recruitment, mentoring, education and retention of researchers from diverse backgrounds in the neuroscience scientific workforce. The NINDS Research Education Grant is a flexible and specialized mechanism designed to foster the development of neuroscience researchers through creative and innovative research educational programs including regional and national programs. Letters of intent are due 30 days prior to the application submission date. Click here for more information.

**NSF: Cognitive Neuroscience**

**NSF 06-557**

**Application Submission Deadline: January annually**

The Cognitive Neuroscience Program seeks highly innovative and interdisciplinary proposals aimed at advancing a rigorous understanding of how the human brain supports thought, perception, affect, action, social processes, and other aspects of cognition and behavior, including how such processes develop and change in the brain and through time. Click here for more information.
NCI: Basic Cancer Research in Cancer Health Disparities
PAR-12-095
Application Submission Date: June 20, 2012
Through this funding opportunity announcement (FOA), the Center to Reduce Cancer Health Disparities (CRCHD), the Division of Cancer Biology (DCB) and Division of Cancer Prevention (DCP), at the National Cancer Institute (NCI), encourage grant applications from investigators interested in conducting basic, mechanistic research into the biologic/genetic causes of cancer health disparities. The cooperative agreement research award mechanism (U01) will support innovative studies designed to investigate biological/genetic bases of cancer disparities, and may include the development and testing of new methodologies and models, secondary data analyses, and mechanistic studies of identified biological factors associated with cancer disparities, including those related to basic research in prevention strategies. This FOA is also designed to aid and facilitate the development of a nationwide cohort of scientists with a high level of basic research expertise in cancer health disparities research who can develop resources and tools, such as biospecimens, cell lines and methods that are necessary to conduct basic research in cancer health disparities. The Exploratory/Developmental Research Grant Award mechanism (R21) is designed to provide resources for those investigators that may need additional support on their path to successful competition for R01 funding in basic mechanistic research in understanding cancer health disparities. Grant applications are due by June 20, 2012. More information is available for each grant: U01 and R21.

NCI: Exploratory Grant Award to Promote Workforce Diversity in Basic Cancer Research (R21)
PAR-12-096
Application Submission Date: June 20, 2012
This funding opportunity announcement (FOA), issued by the Center to Reduce Cancer Health Disparities (CRCHD) and the Division of Cancer Biology (DCB) of the National Cancer Institute (NCI), invites applications by investigators from diverse backgrounds underrepresented in basic and biomedical cancer research. The NIH recognizes a unique and compelling need to promote diversity in the NIH-funded research workforce. The purpose of this FOA is to improve the diversity of the NCI-funded research workforce by supporting and recruiting eligible investigators from groups that have been shown to be underrepresented in the biomedical, clinical, behavioral, and social sciences including individuals from underrepresented racial and ethnic groups, individuals with disabilities, and individuals from socially, culturally, economically, or educationally disadvantaged backgrounds that have recently and demonstrably inhibited their ability to pursue a career in health-related research. This funding opportunity will also provide a bridge to investigators that have completed their research training and may need extra time to develop a research project grant application. The CRCHD supports cancer health disparity research that is focused on basic, hypothesis-driven studies that explicitly address the unequal burden of cancer amongst racial/ethnic minorities or other underserved populations across the cancer continuum (prevention, early detection, diagnosis, treatment, and survivorship). Grant applications are due by June 20, 2012. Click here for more information.

COMPUTATIONAL SCIENCE AND TECHNOLOGY

NIH: Exploratory Innovations in Biomedical Computational Science and Technology (R21)
PAR-09-219
Application Submission Date: June 16, 2012
Several institutes at the NIH, including the National Institute on Drug Abuse (NDA), is seeking research proposals on biomedical informatics and computational biology that will support rapid progress in areas of scientific opportunity in biomedical research. As defined here, biomedical informatics and computational biology includes database design, graphical interfaces, querying approaches, data retrieval, data visualization and manipulation, data integration through the development of integrated analytical tools, and tools for electronic collaboration, as well as computational and mathematical research including the development of structural, functional, integrative, and analytical computational models and simulations. Applications should be innovative, with high risk/high impact in new areas that are lacking preliminary data or development. Investigators may target one or multiple areas of biomedical computing that will enable progress in biomedical research. Examples of data types that could be considered include but are not limited to genomic sequences, gene expression, proteomics, pathway data, scientific and biomedical images, qualitative descriptors for health and social science, and remote sensing and geospatial images. Grant applications are due by June 16, 2012. Click here for more information.

NIH: Innovations in Biomedical Computational Science and Technology (R01)
PAR-09-218
Application Submission Deadline: June 5, 2012
Several Institutes at the NIH, including the National Institute on Drug Abuse (NIDA) and the National Institute of Mental Health (NIMH) seek to support fundamental research in biomedical informatics and computational biology; the development of new computational tools and technologies; and applications of computational technologies to a particular domain area(s) in biomedical research. Biomedical informatics and computational biology includes database design, graphical interfaces, querying approaches, data retrieval, data visualization and manipulation, data integration through the development of integrated analytical tools, and tools for electronic collaboration, as well as computational and mathematical research including the development of structural, functional, integrative, and analytical computational models and simulations. This initiative is run in parallel with announcements with similar scientific scope for R21 high risk/high impact research PAR-09-219, as well as small business innovation research (SBIR) PAR-09-220 and small business technology transfer research (STTR) PAR-09-221. Grant applications are due by June 5, 2012. Click here for more information.

DEMOGRAPHY

NICHD: Educational Programs for Demography and Population Science, Family Planning and Contraception, and Reproductive Research (R25)
PAR-11-292
Application Submission Date: May 25, 2012
The Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD) invites grant applications for educational activities related to Demography and Population Science, Family Planning and Contraception, and Reproductive Research. NICHD encourages applications for educational programs for interdisciplinary training; methodological training; and training in the use and dissemination and use of existing datasets. The Demographic and Behavioral Sciences Branch is particularly interested in applications that address one or more of the following: (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 changes in these factors. Major areas of focus include fertility, mortality and morbidity, migration, nuptiality, and family demography; (2) Behavioral and social science research on HIV/AIDS and other sexually transmitted diseases and reproductive health; and (3) Research on other scientific areas related to the health and well-being of populations that applies the methods and perspectives of demography and social science, including the use of population representative samples and methods that address causal inference, such as selectivity, and endogeneity. Letters of intent are due 30 days prior to the grant application deadline. Grant applications are due by May 25, 2012. Click here for more information.

DEVELOPMENT

NSF: Developmental and Learning Sciences
Deadline: January 15 and July 15 annually
The National Science Foundation’s Developmental and Learning Sciences program (DLS) supports fundamental research that increases our understanding of cognitive, linguistic, social, cultural, and biological processes related to children's and adolescents' development and learning. Research supported by this program will add to our basic knowledge of how people learn and the underlying developmental processes that support learning, with the objective of leading to better educated children and adolescents who grow up to take productive roles as workers and as citizens. Among the many research topics supported by DLS are: developmental cognitive neuroscience; development of higher-order cognitive processes; transfer of knowledge from one domain or situation to another; use of molecular genetics to study continuities and discontinuities in development; development of peer relations and family interactions; multiple influences on development, including the impact of family, school, community, social institutions, and the media; adolescents' preparation for entry into the workforce; cross-cultural research on development and learning; and the role of cultural influences and demographic characteristics on development. Additional priorities include research that: incorporates multidisciplinary, multi-method, microgenetic, and longitudinal approaches; develops new methods, models, and theories for studying learning and development; and integrates different processes (e.g., learning, memory, emotion), levels of analysis (e.g., behavioral, social, neural), and time scales (e.g. infancy, middle childhood, adolescence). This program supports Integrative Research Activities for Developmental Science (IRADS). The program currently is at its capacity for supporting such large-scale awards, and is therefore not considering new IRADS proposals at this point in time. The program is accepting proposals for individual investigator projects (average total budget of approximately $100,000 per year) and workshops/small conferences (average total one-time budget of approximately $15,000). Click here for more information.
**DISASTERS AND EMERGENCIES**

**NIEHS: Mechanism for Time-Sensitive Research Opportunities in Environmental Health Sciences**

**PAR-10-083 (R03); PAR-10-084 (R21)**

**Application Submission Date: Varies**

This Funding Opportunity Announcement (FOA), supported by the National Institute of Environmental Health Sciences (NIEHS), is intended to support research in environmental health science in which an unpredictable opportunity has arisen that provides a limited window of opportunity to collect human or animal biosample baseline or exposure data. Such instances could include the immediate aftermath of a natural or man-made disaster; changes in service systems; policy changes likely to lead to alterations in the quality of local air or water, major changes in land use, etc. The distinctive element of the project should be the need for empirical study that is by its nature achievable only if begun within a short time frame. Click here for more information. Additional information is available online for each grant: [R03](#) and [R21](#).

**NIMH: Rapid Assessment Post-Impact of Disaster**

**PAR-09-171 (R03); PAR-09-172 (R21)**

**Application Opening Date: June 22, 2009; Applications should be submitted within approximately six weeks of the identified disaster event**

The purpose of this Funding Opportunity Announcement (FOA) is to provide a rapid funding mechanism for research on the post-impact of disasters, in order to permit access to a disaster area in the immediate aftermath of the event. Potential applicants are strongly encouraged to contact NIMH Program Staff before submitting a RAPID application to determine whether or not the proposed work meets the guidelines of this program, whether requested RAPID funding is likely to be available, and whether the idea should be considered for initial submission as a fully developed application. RAPID grants are designed to provide a limited sum of money for early assessment to investigators who intend to follow up with a full research application, using the preliminary data from this initial effort as a basis for their larger application. The Traumatic Stress Disorders Research Program is the focal point in the NIMH for support of research projects on the mental health sequelae of emergencies resulting from events in the external environment, which include natural and human-made situations. The Traumatic Stress Disorders Research Program is concerned with research topics including but not limited to: psychological, physiological, biological, and behavioral reactions to trauma, risk factors for mental health sequelae (including post-traumatic stress disorder, depression and substance abuse), optimal provision of mental health services, prevention and treatment. Click here for more information. Additional information is available online for each grant: [R03](#) and [R21](#).

**DIVERSITY AND DISPARITIES**

**ACF: Assets for Independence Demonstration Program**

**HHS-2011-ACF-OCS-EI-0137**

**Application Submission Date: March 26, 2012**

The Administration for Children and Families (ACF), Department of Health and Human Services (HHS), requests applications for grants to administer projects for the national Assets for Independence (AFI) demonstration of Individual Development Accounts (IDAs) and related services. IDAs are matched savings accounts. The goal of the demonstration is to develop knowledge about the extent to which this approach enables individuals and families with low incomes to become and remain more financially stable over the long term. Grantees use the AFI grants to administer projects that provide IDAs and related services to individuals and families with low incomes. Participants open an IDA and save earned income in the account regularly with the goal of accumulating savings to acquire an economic asset that will appreciate over time. Specifically, participants use their IDA savings to purchase a home, capitalize or expand a business for self-employment, or attend higher education or training. Participants also receive training and other supports such as financial education training and coaching, and guidance on issues including family budgeting, consumer issues, debt and credit counseling, using mainstream financial products, accessing refundable tax credits, and accessing other benefits and services. AFI manages on-going research about the administration of the AFI projects and the impacts of the combination of an IDA and related services. Grant recipients provide information to ACF and its researchers on such topics as project features, participant demographics, services provided, amounts participants save in their IDA, and types of purchases made with IDA savings. Grant applications are due by March 26, 2012. Click [here](#) for more information.

**ACF: Native American Language Preservation and Maintenance**

**HHS-2011-ACF-ANA-NL-0139**

**Application Submission Date: January 31, 2013**
The Administration for Children and Families (ACF), Administration for Native Americans (ANA) announces the availability of funds for community-based projects for the Native American Language Preservation and Maintenance program. The purpose of ANA grant funding is to promote economic and social self-sufficiency for American Indians, Alaska Natives, Native Hawaiians, and other Native American Pacific Islanders from American Samoa, Guam, and the Commonwealth of the Northern Mariana Islands. The Native American Language Preservation and Maintenance program provides funding for projects to support assessments of the status of the Native American languages in an established community, as well as the planning, designing, and implementing of Native American language curriculum and education projects to support a community's language preservation goals. ANA has identified the following program areas of interest and project types for this Funding Opportunity Announcement: (1) Collecting, compiling, analyzing, and organizing data in order to have a current description of the community's Native American language status; (2) Facilitating and encouraging intergenerational teaching of Native American language skills; (3) Planning and implementing an immersion, master/apprentice, or distance learning model; (4) Training and certifying teachers, interpreters, or translators in a Native American language; (5) Developing, printing, and disseminating materials to be used for the teaching and enhancement of a Native American language; (6) Producing, distributing, or participating in television, radio, or other media forms to broadcast Native American languages; and (7) Compiling, transcribing, and analyzing oral testimony to create resources that support the preservation of Native American languages. Grant applications are due by January 31, 2013. Click here for more information.

ACF: Social and Economic Development Strategies
HHS-2011-ACF-ANA-NA-0143
Application Submission Date: January 31, 2013
The Administration for Children and Families (ACF), Administration for Native Americans (ANA) announces the availability of funds for community-based projects for the Native American Social and Economic Development Strategies (SEDS) program. The purpose of ANA grant funding is to promote economic and social self-sufficiency for American Indians, Alaska Natives, Native Hawaiians, and other Native American Pacific Islanders from American Samoa, Guam, and the Commonwealth of the Northern Mariana Islands. The SEDS program provides funding for projects that promote sustainable local economies, and programs and services that safeguard the health and well-being of Native Americans. ANA has identified the following program areas of interest and project types for this Funding Opportunity Announcement under the tiers of social and economic development: Human Services, Asset Building, Community Living, Early Childhood Development, Youth Development, Community Health, Arts and Culture, Safety and Security, Nutrition and Fitness, Strengthening Families, Economic Stability, Economic Competitiveness, Agriculture, Infrastructure, Emergency Preparedness, Subsistence, and Commercial Trade. Grant applications are due by January 31, 2013. Click here for more information.

CDC: Identifying Reasons for Racial/Ethnic Disparities with Completing the HPV Vaccine Series among Adolescent Females (U01)
RFA-IP-12-004
Application Submission Date: March 28, 2012
The Centers for Disease Control and Prevention (CDC), National Center for Immunization and Respiratory Diseases (NCIRD) is soliciting proposals for a cooperative agreement to identify factors contributing to HPV (human papillomavirus) vaccination coverage disparities among adolescent females and to identify possible strategies for addressing these barriers. Applicants are expected to provide a description of the qualitative methods for assessing parental opinions among their research plans. Applicants are expected to assess immunization providers' opinions regarding provider and patient level factors that may affect a patient's ability to initiate and/or complete the HPV series. Applicants are expected to identify potential strategies that could be used to address the factors contributing to disparities in HPV vaccination coverage, based on findings from the parent and provider activities. Applicants must include a plan to estimate and report the potential translatability and public health impact of the research. Grant applications are due by March 28, 2012. Click here for more information.

ED: Developing Hispanic-Serving Institutions (HSI)
Catalog of Federal Domestic Assistance (CFDA) Number: 84.031S
Application Submission Date: March 15, 2012
The Office of Postsecondary Education, within the Department of Education, invites applications from Hispanic-Serving Institutions (HSIs) to expand educational opportunities and improve the academic attainment of Hispanic students. The HSI Program grants enable HSIs to enhance their academic offerings, program quality, and institutional stability. Eligible institutions must meet requirements for needy and low-average educational students and have 25% Hispanic populations. Competitive priorities include a focus on increasing postsecondary success, generating data on student outcomes, and improving efficient productivity. Grant applications are due by March 15, 2012. Click here for more information.

HUD: Choice Neighborhoods Demonstration Small Research Grant Program
The Department of Housing and Urban Development (HUD) invites applicants to submit proposals for funding to complement HUD’s larger research effort on the Choice Neighborhoods Demonstration. Choice Neighborhoods grants transform distressed neighborhoods and public and assisted projects into viable and sustainable mixed-income neighborhoods by linking housing improvements with appropriate services, schools, public assets, transportation, and access to jobs. A strong emphasis is placed on local community planning for access to high-quality educational opportunities, including early childhood education. HUD will be conducting an evaluation of the Choice Neighborhoods Demonstration which will focus on implementation grants awarded to Boston, Chicago, and New Orleans called the “Choice Baseline Research Project”. The goal of this research program is to fund research related to Choice Demonstration which will focus on implementation grants in Boston, Chicago, and New Orleans, applicants are encouraged to identify research projects in other Choice Neighborhood implementation or planning grant sites. Research projects in Boston, Chicago, and New Orleans will be eligible but the applicant must demonstrate how the proposed research would complement research already planned through the Choice Baseline Research Project. Applicants are encouraged to identify research that will address implementation challenges and provide clear evidence of the impact of Choice Neighborhoods. Grant applications are due by March 13, 2012. Click here for more information.

NCI: Basic Cancer Research in Cancer Health Disparities
PAR-12-095
Application Submission Date: June 20, 2012
This funding opportunity announcement (FOA), issued by the Center to Reduce Cancer Health Disparities (CRCHD), the Division of Cancer Biology (DCB) and Division of Cancer Prevention (DCP), at the National Cancer Institute (NCI), encourages grant applications from investigators interested in conducting basic, mechanistic research into the biologic/genetic causes of cancer health disparities. The cooperative agreement research award mechanism (U01) will support innovative studies designed to investigate biological/genetic bases of cancer disparities, and may include the development and testing of new methodologies and models, secondary data analyses, and mechanistic studies of identified biological factors associated with cancer disparities, including those related to basic research in prevention strategies. This FOA is also designed to aid and facilitate the development of a nationwide cohort of scientists with a high level of basic research expertise in cancer health disparities research. Grant applications are due by June 20, 2012. More information is available for each grant: U01 and R21.

NCI: Exploratory Grant Award to Promote Workforce Diversity in Basic Cancer Research (R21)
PAR-12-096
Application Submission Date: June 20, 2012
This funding opportunity announcement (FOA), issued by the Center to Reduce Cancer Health Disparities (CRCHD) and the Division of Cancer Biology (DCB) of the National Cancer Institute (NCI), invites applications by investigators from diverse backgrounds underrepresented in basic and biomedical cancer research. The NIH recognizes a unique and compelling need to promote diversity in the NIH-funded research workforce. The purpose of this FOA is to improve the diversity of the NCI-funded research workforce by supporting and recruiting eligible investigators from groups that have been shown to be underrepresented in the biomedical, clinical, behavioral, and social sciences including individuals from underrepresented racial and ethnic groups, individuals with disabilities, and individuals from socially, culturally, economically, or educationally disadvantaged backgrounds that have recently and demonstrably inhibited their ability to pursue a career in health-related research. This funding opportunity will also provide a bridge to investigators that have completed their research training and may need extra time to develop a research project grant application. The CRCHD supports cancer health disparity research that is focused on basic, hypothesis-driven studies that explicitly address the unequal burden of cancer amongst racial/ethnic minorities or other underserved populations across the cancer continuum (prevention, early detection, diagnosis, treatment, and survivorship). Grant applications are due by June 20, 2012. Click here for more information.

NICHD: Addressing Health Disparities in Maternal and Child Health through Community - Based Participatory Research (R03)
PAR-11-241
Application due date: August 19, 2012
The Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD) requests applications to implement developmental community-based participatory research (CBPR) projects planned and developed by recipients
of the Phase I Academic-Community Partnerships Conference Series awards. This funding opportunity announcement (FOA) provides support for community-based participatory research projects that (i) address a community health concern, (ii) increase understanding of community-related factors and/or cultural beliefs and practices that significantly impact health outcomes in one of the areas of emphasis (including: infant mortality; sudden infant death syndrome; fibroid tumors; childhood, adolescent, and/or adult obesity; literacy; techniques for outreach and information dissemination; pediatric and maternal HIV/AIDS prevention; and violence prevention), or (iii) focus on the development of innovative health messages with the objective of increasing health literacy in areas of concern. Letters of intent are due by July 19, 2012. Applications are due by August 19, 2012. Click here for more information.

**NICHD: Biomedical and Behavioral Research Innovations to Ensure Equity (BRITE) in Maternal and Child Health (R15)**
**PAR-12-093**
**Application Submission Dates: April 3, 2012**
The Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD) seeks to increase the diversity of the pool of researchers involved in health equity research related to NICHD mission areas including infant mortality; Sudden Infant Death Syndrome (SIDS); child, adolescent, and/or adult obesity; pediatric and maternal HIV/AIDS prevention; violence prevention; health literacy; and outreach and information dissemination. The goal of the Biomedical and Behavioral Research Innovations To Ensure Equity (BRITE) in maternal and child health program is to stimulate maternal and child health equity research within institutions eligible for the Academic Research Enhancement Award (AREA) R15 program. Program priorities include AREA-eligible institutions that educate students from diverse backgrounds underrepresented in biomedical and behavioral science, including individuals from disadvantaged backgrounds, individuals from underrepresented racial and ethnic groups, and individuals with disabilities as a strategy to contribute to a diverse research workforce. BRITE grant awards will support meritorious small-scale, new projects in biomedical and behavioral maternal and child health equity research, including pilot research projects and feasibility studies, and secondary analysis of available data sets. The AREA R15 program is a research grant program and not a training or fellowship program. Thus, applications should not focus on training objectives and training plans should not be provided. However, it is important for the applicant to describe the research activities in which students will participate. To ensure the BRITE Program goals and objectives are being met, the NICHD will conduct a program evaluation five to seven years after the release of this funding opportunity announcement (FOA). Letters of intent are due 30 days prior to the application deadline. Grant applications are due by April 3, 2012. Click here for more information.

**NICHD: Learning Disabilities Innovation Hubs (R24)**
**RFA-HD-12-203**
**Application Submission Date: April 11, 2012**
The Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD), National Institutes of Health (NIH) invites the submission of resource-related research project applications, referred to as the Learning Disabilities Research Hubs or LDR Hubs, addressing the etiology, manifestation, prevention and remediation of reading, writing or mathematics learning disabilities (LDs). The constitution of an LDR Hub includes a single research project and one or two corresponding core(s) that support the goals and aims of the LDR Hub. This funding opportunity announcement (FOA) seeks to tackle under-researched topics and populations as well as topics that have been some of the most challenging in the area of learning disabilities impacting reading, writing, and mathematics. Applicants must focus one of two possible research foci to be responsive to this FOA: 1) research topics that include a primary focus on historically under-represented populations who are at-risk for or diagnosed with one or more learning disabilities impacting reading, writing, or mathematics; or 2) research topics considered nascent, understudied, or highly innovative and potentially high risk, involving one or more of these LDs, which may or may not be wholly focused on at-risk or understudied populations with LDs. This FOA integrates research topics that are of relevance to four research programs at the NICHD: the Language, Bilingualism, and Biliteracy Program; the Early Learning and School Readiness Program; the Mathematics and Science Cognition and Learning: Development and Disorders Program; and the Reading, Writing, and Related Learning Disabilities Program. Trans-disciplinary and crosscutting scientific topics are specifically invited through this FOA. In an effort to build research personnel resources, applicants are required to develop cogent plans for direct involvement and mentoring of early career researchers, defined as pre-doctoral or medical students, post-doctoral, and other investigators that have recently finished their pre-doctoral, medical, or post-doctoral training and are pursuing research careers. Letters of intent are due by March 22, 2012. Grant applications are due by April 11, 2012. Click here for more information.

**NICHD: Pregnancy in Women with Disabilities**
**PAR-11-258 (R01); PAR-11-259 (R21)**
**Application due date: June 5, 2012 (R01); June 16, 2012 (R21)**
The Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD) and the National Institute on Nursing Research (NINR) solicit grant applications from institutions investigating the incidence, course,
and outcomes of pregnancy among women with disabilities. Despite strides towards independence and inclusion in society, women with disabilities face substantial barriers to accessing reproductive health care, and mothers with disabilities face substantial obstacles in caring for their infants. This initiative seeks to stimulate research in this understudied area and develop evidence-based interventions and supports to achieve optimal pregnancy outcomes and early parenting experiences. In specific, this grant seeks to optimize outcomes for women with physical, intellectual and developmental, and/or sensory disabilities and their families by funding studies that inform preconceptional and antenatal counseling and strategies for addressing barriers to prenatal care, and management of pregnancy, the puerperium, and the transition to parenthood. These barriers may be physical (facilities inaccessible to wheelchairs), cognitive (difficulty understanding complex instructions or written materials), attitudinal (lack of social or medical support of pregnancy), or legal (challenges to parental competence). Grant applications are due on June 5, 2012 (R01); June 16, 2011 (R21). Click here for more information on R01, and here for more information on R21.

NIDA: Diversity-promoting Institutions Drug Abuse Research Program (DIDARP) (R24)
PAR-11-060
Application Submission Date: September 10, 2012
The National Institute on Drug Abuse (NIDA) is seeking applications from institutions that serve economically disadvantaged students and communities. Applications should propose to develop or strengthen the drug abuse research infrastructure at the institution and foster the research career development of a diverse cadre of faculty, students and staff who are currently underrepresented in drug abuse research. All capacity development and research activities must address scientific areas related to the mission and priorities of NIDA. Letters of intent are due by August 10, 2012. Grant applications are due by September 10, 2012. Click here for more information.

NIDA/NIAAA: Women and Sex/Gender Differences in Drug and Alcohol Abuse/Dependence
PA-11-047 (R01); PA-11-048 (R21); PA-11-049 (R03)
Application Submission Dates: June 5 (R01); June 16, (R03, R21)
The National Institute on Drug Abuse (NIDA) and the National Institute on Alcohol Abuse and Alcoholism (NIAAA) are seeking applications for the Women and Sex/Gender Differences in Drug and Alcohol Abuse/Dependence grant. The purpose of the funding opportunity is to promote research of sex-based differences in drug and alcohol abuse or dependence. The grant also seeks to focus on factors specific to women. Applicants can propose research for either human or animal models. Areas of research that applicants can pursue include, but are not limited to: etiology and mechanisms of drug abuse, consequences and impact, prevention, and treatment. There is no limit to application budgets, but applicants requesting more than $500,000 in direct costs per year should contact NIH program staff at least six weeks before submitting an application. Projects should last no more than five years. Grant applications are due June 5 (R01), June 16 (R03 and R21). More information is available for each grant: R01, R21, and R03.

NIH: Advancing Novel Science in Women’s Health Research (ANSWHR) (R21)
PAS-10-226
Application Submission Date: October 16, 2012
The purpose of this Funding Opportunity Announcement (FOA), issued by the Office of Research on Women’s Health (ORWH) and co-sponsoring NIH institutes and centers (ICs), is to promote innovative, interdisciplinary research that will advance new concepts in women’s health research and the study of sex/gender differences. Recent research reports have established the importance of studying issues specific to women, including the scientific and clinical importance of analyzing data separately for females and males. ORWH is particularly interested in encouraging extramural investigators to undertake new interdisciplinary research to advance studies on how sex and gender factors affect women’s health; however, applications in all areas of women’s health and/or sex/gender research are invited. Grant applications are due by October 16, 2012. Click here for more information.

NIH: Behavioral and Social Science Research on Understanding and Reducing Health Disparities
PAR-10-136 (R01); PAR-10-137 (R21)
Application Submission Date: May 11, 2012
The National Institutes of Health (NIH) issues this Funding Opportunity Announcement (FOA) to encourage research project grant applications employing behavioral and social science theories, concepts, and methods to improve understanding of the causes of disparities in health and disability among the various populations of the United States and to develop and test more effective interventions for reducing and eventually eliminating health disparities. The goal is to move beyond documenting the existence of health and disability disparities to addressing causes and solutions. Emphasis is placed on research in and among three broad areas of action: 1) public policy, 2) health care, and 3) disease/disability prevention. Particular attention is given to reducing “health gaps” among groups. Proposals that utilize an interdisciplinary approach, investigate multiple levels of analysis, incorporate a life-course perspective, and/or employ innovative methods such as system science or community-based participatory research are particularly encouraged. Letters of intent are due
by November 15 annually. Click here for more information. Additional information is available online for each grant: R01 and R21.

NIH: Clinical Research Education and Career Development (CRECD) in Minority Institutions (R25)
PAR-11-325
Application Submission Date: November 2, 2012
The National Institute of Health (NIH) Clinical Research Education and Career Development (CRECD) Program seeks to expand the national capability to improve diversity for research in the health sciences by developing the research workforce in clinical and translational sciences though providing grant support to minority institutions that offer doctorate degrees in the health professions or in a health-related science. The primary goals of the CRECD program are to: (1) support development and implementation of curriculum-dependent programs to train selected doctoral and postdoctoral participants in clinical research leading to a Master of Science in Clinical Research or Master of Public Health in a clinically relevant area; (2) develop a diverse group of clinical researchers who have the necessary knowledge and skills to pursue clinical research and can become part of translational and/or patient-oriented research, particularly on diseases that disproportionately impact minority populations. The CRECD program must be focused on clinical and translational sciences, and each applicant must assess and plan a program to address its own research education and career development needs and strategic vision. Letters of intent are due by October 2, 2012. Applications are due by November 2, 2012. Click here for more information.

NIH: Extramural Loan Repayment Program for Health Disparities Research
Notice Number: NOT-OD-11-087
Application due date: November 15 annually
The National Institutes of Health (NIH), National Institute on Minority Health and Health Disparities (NIMHD), and Office of Extramural Programs, Division of Loan Repayment announced the extramural Loan Repayment Program for Health Disparities Research (LRP-HDR) which seeks to recruit and retain health professionals to research careers focusing on minority health or other health disparity issues. The program will provide for the repayment of educational loan debt up to $35,000. “Health disparity populations” are defined as populations where there is significant disparity in the overall rate of disease incidence, prevalence, morbidity, mortality, or survival rates as compared to the health status of the general population. Applicants are required to contractually agree to at least two years of relevant research. Applications are due by November 15 annually. Click here for more information.

NIH: Research for Children With Physical Disabilities Through Physical Activity and Diet: Developing An Evidence Base (R21)
PAR-11-288 (R01); PAR-11-284 (R21)
Application Submission Dates: June 5, 2012 (R01); June 16, 2012 (R21)
Several Institutes at the NIH, including the Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD) and the Office of Behavioral and Social Sciences Research (OBSSR), invite applications that will improve our understanding of how patterns of physical activity and dietary choice affect the health and fitness of children with physical disabilities. Proposed research should account for the functional limitations of children with disabilities and their nutritional needs, as well as the physiological, psychosocial, and environmental factors that play a role in determining the health of this population. The goal of this program announcement is to better understand the special needs of children with physical disabilities, in order to develop integrated clinical and behavioral strategies to promote physical activity, reduce secondary conditions, foster healthy dietary choices, and improve health status and social participation. Of particular concern are the issues involved with promoting exercise and diet in children with disabilities from specific racial/ethnic populations and/or economically disadvantaged families. Letters of intent are due 30 days prior to the grant application deadline. Grant applications are due by June 5, 2012 (R01) and June 16, 2012 (R21). More information is available online for each grant: R01 and R21.

NIH: Interventions for Health Promotion and Disease Prevention in Native American Populations (R01)
PAR-11-346
Application Submission Date: May 15, 2012
Several Institutes at the NIH, including the National Institute on Drug Abuse (NIDA) invite proposals to develop, adapt, and test the effectiveness of health promotion and disease prevention interventions in Native American (NA) populations. The intervention program should be culturally appropriate and promote the adoption of healthy lifestyles, improve behaviors and social conditions and/or improve environmental conditions related to chronic disease, the consumption of tobacco, alcohol and other drugs, mental illness and HIV-infection. The intervention program should be designed so that it could be sustained within the entire community within existing resources, and, if successful, disseminated in other Native American communities. The long-term goal of this funding opportunity announcement (FOA) is to reduce mortality and morbidity in NA communities. Letters of intent are due by April 15, 2012. Grant applications are due by May 15, 2012. Click here for more information.
NIH: Reducing Health Disparities Among Minority and Underserved Children
PA-11-104 (R01); PA-11-105 (R21)
Application Submission Date: June 5, 2012 (R01); June 16, 2012 (R21)
Several Institutes at the National Institutes of Health (NIH), including the National Institute on Alcohol Abuse and Alcoholism (NIAAA) and the National Institute on Deafness and Other Communication Disorders (NIDCD), invite applications from institutions/organizations that propose to conduct research to reduce health disparities among minority and underserved children. Specifically, this initiative focuses on ethnic and racial minority children and underserved populations of children such as: children from low literacy, rural and low-income populations, geographically isolated children, hearing and visually impaired children, physically or mentally disabled children, children of migrant workers, children from immigrant and refugee families, and language minority children. Specific targeted areas of research include biobehavioral studies that incorporate multiple factors that influence child health disparities such as biological (e.g., genetics, cellular, organ systems), lifestyle factors, environmental (physical and family environments), social (e.g., peers), economic, institutional, and cultural and family influences; studies that target the specific health promotion needs of children with a known illness and/or disability; and studies that test and evaluate the comparative effectiveness of health promotion interventions conducted in traditional and nontraditional settings. Grant applications are due by June 5, 2012 (R01); June 16, 2012 (R21). More information is available online for each grant: R01 and R21.

NIH: Research on the Health of LGBTI Populations
PA-12-111 (R01); PA-12-112 (R03); PA-12-113 (R21)
Application Submission Date: June 5, 2012 (R01); June 16, 2012 (R03; R21)
This funding opportunity announcement (FOA), sponsored by several Institutes within the National Institutes of Health (NIH), calls for research that describes the biological, clinical, behavioral, and social processes that affect health and development among LGBTI populations and among their families, and that leads to the development of effective supportive, preventive and treatment interventions and health service delivery methods that will enhance the health and development of these populations. LGBTI refers to lesbian, gay, bisexual, transgender, intersex, and related populations. This FOA encourages researchers to investigate new research questions related to the health and development of LGBTI individuals and their families and to develop and/or apply innovative methodologies to improve understanding of mechanisms affecting the health and development of these populations. Three types of research on preventive and treatment interventions and health service delivery methods are included within this FOA: (1) Formative research that will design and pilot test new interventions; (2) Large-scale implementation and evaluation of preventive and/or treatment interventions that are evidence based; and (3) Adaptations of current interventions that are based by strong rationales, including, at a minimum, pilot data. Applicants should provide a precise description of the target population and of the sampling methods to be employed, paying attention not only to sexual identity, sexual orientation, and gender characteristics, but to such variables as age, generational cohort, race/ethnicity, culture, geography, socioeconomic status, and physical and psychological qualities. Grant applications are due by June 5, 2012 (R01) and June 16, 2012 (R03; R21). More information is available online for each grant mechanism: R01, R03, and R21.

NIH: Research Supplements to Promote Diversity in Health-Related Research
PA-08-190
Application Submission Date: Applications may be submitted at any time
The NIH and the Centers for Disease Control and Prevention (CDC) invite all NIH Institutes and Centers (ICs), the NIH Common Fund, and the National Institute for Occupational Safety (NIOSH, CDC) to apply for funds for administrative supplements to improve the diversity of the research workforce by supporting and recruiting students, post doctorates, and eligible investigators from groups that have been shown to be underrepresented. Although the administrative supplements supported under this program provide funding for less than one percent of all individuals involved in NIH supported research, the NIH has found these awards to be an effective means of encouraging institutions to recruit from currently underrepresented groups. The purpose of this funding opportunity is to promote diversity in the biomedical, behavioral, clinical and social sciences research workforce and to improve the nation's capacity to address and eliminate health disparities. Applications may be submitted at any time. Click here for more information.

NIH: Ruth L. Kirschstein National Research Service Awards for Individual Predoctoral Fellowships to Promote Diversity in Health-Related Research (Parent F31 - Diversity)
PA-11-112
Application Submission Date: Applications may be submitted at any time
Several Institutes at the NIH, including the Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD) invite applications for Ruth L. Kirschstein National Research Service Awards for Individual Predoctoral Fellowships to Promote Diversity in Health-Related Research. The purpose of the predoctoral fellowship is to provide up to five years of support for research training leading to the PhD or equivalent research degree, the combined MD/PhD degree (up to six years of support); or another formally combined professional degree and research doctoral
degree in biomedical, behavioral, health services, or clinical sciences. These fellowships will enhance the diversity of the biomedical, behavioral, health services, and clinical research labor force in the United States by providing opportunities for academic institutions to identify and recruit students from diverse population groups to seek graduate degrees in health-related research and apply for this fellowship. The goal of this program is to increase the number of scientists from diverse population groups who are prepared to pursue careers in biomedical, behavioral, social, clinical, or health services research. Grant Applications may be submitted at any time. Click here for more information.

NIMH: Mental Health Research Dissertation Grant to Increase Diversity (R36)
PAR-12-103
Application Submission Date: April 23, 2012
The goal of this Funding Opportunity Announcement (FOA), issued by the National Institute of Mental Health (NIMH), is to increase the diversity of the mental health research workforce by providing awards to support the completion of the doctoral research project and dissertation for individuals from diverse backgrounds underrepresented in mental health research. The Mental Health Dissertation Research Grant to Increase Diversity allows for budget requests to cover full-time salary support and modest research funds for up to two years, but no less than 12 months, for eligible students to facilitate completion of their doctoral research project and dissertation in a research area relevant to the NIMH mission and strategic research priorities (http://www.nimh.nih.gov/research-funding/research-priorities/nimh-strategic-research-priorities.shtml). These awards are available to predoctoral students who are enrolled in good standing at accredited domestic or foreign institutions and who have an approved dissertation proposal at the time of the award. Applicants must have the goal of becoming successful researchers in areas of biomedical or behavioral science relevant to the mission of the NIMH. Grant applications are due by April 23, 2012. Click here for more information.

NIMHD: Social, Behavioral, Health Services, and Policy Research on Minority Health and Health Disparities (R01)
RFA-MD-12-003
Application Submission Date: June 4, 2012
The purpose of this Funding Opportunity Announcement (FOA), issued by the National Institute on Minority Health and Health Disparities (NIHMD), is to solicit innovative social, behavioral, health services, and policy research that can directly and demonstrably contribute to the elimination of health disparities. Projects may involve primary data collection or secondary analysis of existing datasets. Projects that examine understudied health conditions; examine the effectiveness of interventions, services, or policies for multiple health disparity populations; and/or directly measure the impact of project activities on levels of health disparities are particularly encouraged. Research topics include, but are not limited to: Social, behavioral, cultural, or environmental risk and protective factors related to the development of health conditions; the impact of racism, discrimination, and segregation on health and health behavior and strategies to ameliorate these effects; preventive or health improvement interventions at the individual, family, neighborhood, or community level; and implementation and/or analysis of local, state, or national health policies that increase or reduce health disparities, such as those related to insurance coverage or reimbursement, organization of government-run or-funded healthcare services, or regulation of environmental hazards. Letters of intent are due by May 4, 2012. Grant applications are due by June 4, 2012. Click here for more information.

NSF: Research on Gender in Science and Engineering
NSF 10-516
Application Submission Date: Fourth Tuesday in March, Annually
The Research on Gender in Science and Engineering program at the National Science Foundation (NSF) supports efforts to understand and address gender-based differences in science, technology, engineering, and mathematics (STEM) education and workforce participation through research, the diffusion of research-based innovations, and extension services in education that will lead to a larger and more diverse domestic science and engineering workforce. Typical projects will contribute to the knowledge base addressing gender-related differences in learning and in the educational experiences that affect student interest, performance, and choice of careers; how pedagogical approaches and teaching styles, curriculum, student services, and institutional culture contribute to causing or closing gender gaps that persist in certain fields. Projects will communicate and apply findings, evaluation results, and proven good practices and products to a wider community. The program continues to seek to broaden the participation of girls and women in all fields of STEM education, but also considers gender more broadly to include research and diffusion activities focused on men and boys who are underrepresented in STEM fields. Letters of intent are due by the second Wednesday in February, annually. Grant applications are due by the fourth Tuesday in March, annually. Click here for more information.

OBSSR: Health Promotion among Racial and Ethnic Minority Males
PA-10-236 (R01); PA-10-237 (R21)
Application Submission Dates: June 5, 2012 (R01); June 16, 2012 (R21)
The Office of Behavioral and Social Sciences Research (OBSSR) invites grant applications from applicants that propose to stimulate and expand research in the health of minority men. Specifically, this initiative is intended to: 1) enhance the
understanding of the numerous factors (e.g., sociodemographic, community, societal, personal) influencing the health
promoting behaviors of racial and ethnic minority males and their subpopulations across the life cycle, and 2) encourage
applications focusing on the development and testing of culturally and linguistically appropriate health-promoting
interventions designed to reduce health disparities among racially and ethnically diverse males and their subpopulations
age 21 and older. Grant applications are due by June 5, 2012 (R01); June 16, 2012 (R21). Additional information is
available online for each grant: R01 and R21.

ECONOMICS

ACF: Assets for Independence Demonstration Program
HHS-2011-ACF-OCS-EI-0137
Application Submission Date: March 26, 2012
The Administration for Children and Families (ACF), Department of Health and Human Services (HHS), requests
applications for grants to administer projects for the national Assets for Independence (AFI) demonstration of Individual
Development Accounts (IDAs) and related services. IDAs are matched savings accounts. The goal of the demonstration is
to develop knowledge about the extent to which this approach enables individuals and families with low incomes to
become and remain more financially stable over the long term. Grantees use the AFI grants to administer projects that
provide IDAs and related services to individuals and families with low incomes. Participants open an IDA and save earned
income in the account regularly with the goal of accumulating savings to acquire an economic asset that will appreciate
over time. Specifically, participants use their IDA savings to purchase a home, capitalize or expand a business for self-
employment, or attend higher education or training. Participants also receive training and other supports such as financial
education training and coaching, and guidance on issues including family budgeting, consumer issues, debt and credit
counseling, using mainstream financial products, accessing refundable tax credits, and accessing other benefits and
services. AFI manages on-going research about the administration of the AFI projects and the impacts of the combination
of an IDA and related services. Grant recipients provide information to ACF and its researchers on such topics as project
features, participant demographics, services provided, amounts participants save in their IDA, and types of purchases
made with IDA savings. Grant applications are due by March 26, 2012. Click here for more information.

NSF: Economics
PD-98-1320
Application Submission Date: January 18 and August 18 annually
The National Science Foundation's (NSF) Economics program supports research designed to improve the understanding
of the processes and institutions of the U.S. economy and of the world system of which it is a part. This program also
strengthens both empirical and theoretical economic analysis as well as the methods for rigorous research on economic
behavior. The program welcomes proposals for individual or multi-investigator research projects, doctoral dissertation
improvement awards, conferences, workshops, symposia, experimental research, data collection and dissemination,
computer equipment and other instrumentation, and research experience for undergraduates. The program places a high
priority on interdisciplinary research. Investigators are encouraged to submit proposals of joint interest to the Economics
Program and other NSF programs and NSF initiative areas. The program also funds conferences and interdisciplinary
research that strengthens links among economics and the other social and behavioral sciences as well as mathematics
and statistics. Click here for more information.

NSF: Science of Science and Innovation Policy
Catalog of Federal Domestic Assistance (CFDA) Number: 47.075
Application Submission Date: September 9, 2012
The National Science Foundation's (NSF) Science of Science and Innovation Policy (SciSIP) program supports research
designed to advance the scientific basis of science and innovation policy. Research funded by the program develops,
improves, and expands models, analytical tools, data, and metrics that can be applied in the science policy decision
making process. Example research topics include: (1) examinations of the ways in which the contexts, structures and
processes of science and engineering research are affected by policy decision; (2) the evaluation of the tangible and
intangible returns from investments in science and from investments in research and development; (3) the study of
structures and processes that facilitate the development of usable knowledge, (4) theories of creative processes and their
transformation into social and economic outcomes; and (5) the collection, analysis and visualization of new data
describing the scientific and engineering enterprise. The program welcomes proposals for individual or multi-investigator
research projects, doctoral dissertation improvement awards, conferences, workshops, symposia, experimental research,
data collection and dissemination, computer equipment and other instrumentation, and research experience for
undergraduates. The SciSIP program invites the participation of researchers from all of the social, behavioral and
economic sciences. Proposals are due on September 9, 2012. Click here for more information.
EDUCATION

ED: Developing Hispanic-Serving Institutions (HSI)
Catalog of Federal Domestic Assistance (CFDA) Number: 84.031S
Application Submission Date: March 15, 2012
The Office of Postsecondary Education, within the Department of Education (ED), invites applications from Hispanic-Serving Institutions (HSIs) to expand educational opportunities and improve the academic attainment of Hispanic students. The HSI Program grants enable HSIs to enhance their academic offerings, program quality, and institutional stability. Eligible institutions must meet requirements for needy and low-average educational students and have 25% Hispanic populations. Competitive priorities include a focus on increasing postsecondary success, generating data on student outcomes, and improving efficient productivity. Grant applications are due by March 15, 2012. Click here for more information.

ED: Investing in Innovation Fund, Development Grants
ED-GRANTS-022412-002
Application Submission Date: April 9, 2012
The Department of Education (ED) is seeking pre-applications for its Investing in Innovation (i3) Development Grants. The i3 program provides $150 million annually in competitive grants designed to encourage programs that boost student achievement and college readiness, improve science education, turn around low-performing schools, and support teacher/administrator effectiveness. Specifically, Development Grants provide funding to support high-potential and relatively untested practices, strategies, or programs whose efficacy should be systematically studied. Successful applications will focus on one or more of the following absolute (required) priorities for the competition: parent and family engagement; STEM (science, technology, engineering, and mathematics) education; improving achievement in rural schools; supporting effective teachers and principals; solutions that are designed to complement the implementation of high standards and high-quality assessments; and plans for turning around low-performing schools. Additionally, competitive preference priorities include: improved use of education technology; improving productivity; improving early learning outcomes; expanding access to college and improving students’ changes of success in post-secondary education; and addressing the needs of disabled students and students with limited proficiency in English. Letters of intent are due by March 15, 2012. Pre-applications are due by April 9, 2012. Click here for more information.

NICHD: Learning Disabilities Innovation Hubs (R24)
RFA-HD-12-203
Application Submission Date: April 11, 2012
The Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD), National Institutes of Health (NIH) invites the submission of resource-related research project applications, referred to as the Learning Disabilities Research Hubs or LDR Hubs, addressing the etiology, manifestation, prevention and remediation of reading, writing or mathematics learning disabilities (LDs). The constitution of an LDR Hub includes a single research project and one or two corresponding core(s) that support the goals and aims of the LDR Hub. This funding opportunity announcement (FOA) seeks to tackle under-researched topics and populations as well as topics that have been some of the most challenging in the area of learning disabilities impacting reading, writing, and mathematics. Applicants must focus one of two possible research foci to be responsive to this FOA: 1) research topics that include a primary focus on historically under-represented populations who are at-risk for or diagnosed with one or more learning disabilities impacting reading, writing, or mathematics; or 2) research topics considered nascent, understudied, or highly innovative and potentially high risk, involving one or more of these LDs, which may or may not be wholly focused on at-risk or understudied populations with LDs. This FOA integrates research topics that are of relevance to four research programs at the NICHD: the Language, Bilingualism, and Biliteracy Program; the Early Learning and School Readiness Program; the Mathematics and Science Cognition and Learning: Development and Disorders Program; and the Reading, Writing, and Related Learning Disabilities Program. Trans-disciplinary and crosscutting scientific topics are specifically invited through this FOA. In an effort to build research personnel resources, applicants are required to develop cogent plans for direct involvement and mentoring of early career researchers, defined as pre-doctoral or medical students, post-doctoral, and other investigators that have recently finished their pre-doctoral, medical, or post-doctoral training and are pursuing research careers. Letters of intent are due by March 22, 2012. Grant applications are due by April 11, 2012. Click here for more information.

NIH: Innovative Neuroscience K-12 Education (SBIR [R43/R44])
PAR-10-154
Application Submission Date: April 4, 2012
Several Institutes at the NIH, including the Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD) and the Office of Behavioral and Social Science Research (OBSSR), invite grant applications from small business concerns (SBCs) that propose to develop innovative neuroscience educational tools to be used by or benefit children in kindergarten through 12th grade (K-12). Educational tools can be designed using any media (e.g., paper, electronic, etc.) or format (e.g., simulations, games, videos, notebooks, etc.) for use in or out of school settings, targeting children in groups or alone, with or without adult or teacher participation. Innovative neuroscience educational tools should promote neuroscience knowledge acquisition and application of that knowledge to one's own life, promote an interest in neuroscience learning and careers, and present a positive and realistic representation of the diversity of people who engage in neuroscience-related research and occupations. Educational tools targeted to increase the diversity of students (i.e., Native American, Black, Hispanic, female, disabled, or otherwise underrepresented) pursuing neuroscience learning are especially encouraged. Grant applications are due by April 4, 2012. Click here for more information.

NSF: Discovery Research K-12 (DRK-12)
NSF 11-588
Application Due: December 6, 2012
The National Science Foundation's (NSF) Division of Research on Learning in Formal and Informal Settings (DRL), Directorate of Education and Human Resources (EHR), invites applications for research projects that address immediate challenges facing Science, Technology, Engineering and Mathematics (STEM) education as well as those that anticipate a radically different structure and function of pre-K 12 teaching and learning. Proposals can be exploratory projects, research and development projects, or conferences and workshops. Projects must apply to one of four identified strands: assessment, learning, teaching, or scale-up/sustainability. In addition, NSF encourages research and development of new STEM learning resources, models, and tools that help students become scientific and engineering problem solvers. Letters of intent are due by October 4, 2012. Grant applications are due by December 6, 2012. Click here for more information.

NSF: Research in Engineering Education
PD 10-1340
Application Submission Deadline: September 14, 2012
The National Science Foundation's (NSF) Division of Engineering Education and Centers (EEC) seeks proposals for innovative research that will inform a world-leading system of engineering education that is equally available to all members of society and able to adapt to meet the changing needs of society. Applicants are encouraged to explore issues such as alternate pathways to education, the diffusion and impact of research, broader frameworks and contexts, or the process of understanding and discovery. The ideal proposal will be informed by practice and be able to translate its results into practice. The number of awarded proposal is based on a projected average funding level of approximately $100,000 per project per year. Grant applications are due by September 14, 2012. Click here for more information.

NSF: Transforming Undergraduate Education in Science, Technology, Engineering, and Mathematics
NSF 10-544
Application Submission Date: May 28, 2012 or May 29, 2012
The National Science Foundation’s (NSF) Transforming Undergraduate Education in Science, Technology, Engineering, and Mathematics (TUES) program seeks to improve the quality of science, technology, engineering, and mathematics (STEM) education for all undergraduate students. This solicitation especially encourages projects that have the potential to transform undergraduate STEM education, for example, by bringing about widespread adoption of classroom practices that embody understanding of how students learn most effectively. Thus transferability and dissemination are critical aspects for projects developing instructional materials and methods and should be considered throughout the project's lifetime. The program supports efforts to create, adapt, and disseminate new learning materials and teaching strategies to reflect advances both in STEM disciplines and in what is known about teaching and learning. It funds projects that develop faculty expertise, implement educational innovations, assess learning and evaluate innovations, prepare K-12 teachers, or conduct research on STEM teaching and learning. It also supports projects that further the work of the program itself, for example, synthesis and dissemination of findings across the program. The program supports projects representing different stages of development, ranging from small, exploratory investigations to large, comprehensive projects. Grant applications are due on either May 28, 2012 or May 29, 2012 (based on geographical location). Click here for more information, including examples of types of projects that may be funded.

HEALTH

HRSA: Affordable Care Act – Maternal, Infant, and Early Childhood Home Visiting Research Program
HRSA-12-159
The Health Resources and Services Administration (HRSA), Maternal and Child Health Bureau is soliciting research proposals relating to maternal, infant, and early childhood home visiting services which show promise of advancing knowledge about the implementation and effectiveness of home visiting programs designed to improve life outcomes among mothers, infants, and young children. Findings from the research supported by this program are expected to have potential for application in improving home visiting programs for mothers and children. By legislative statute, the program requires the use of random assignment designs to the maximum extent feasible. Research proposals should address critical home visiting questions, with the following as examples: Testing the effectiveness of approaches to the implementation of evidence-based home visiting programs within communities; Testing the efficacy of enhancements to evidence-based home visiting programs, including but not limited to: culturally appropriate adaptations; enhancements to address intimate-partner violence, substance abuse, and maternal or paternal health and well-being; or enhancements related to improving the participant outcomes; Assessing the penetration in the home visiting field of standardized performance measures or indicators across benchmark areas, and the use of continuous quality improvement (CQI) principles, tools, and accepted practices at the program site and state levels based on those indicators; and Investigating mechanisms of change within program models or implementation systems in order to identify which program components work under which circumstances for which participants. Grant applications are due by March 16, 2012. Click here for more information.

**NHLBI/NICHD: Education Research in Sleep Health and Sleep-Circadian Biology (R25)**
**PAR-11-098**
Application Submission Date: February 1, 2013
The National Heart, Lung, and Blood Institute (NHLBI) and the *Eunice Kennedy Shriver* National Institute of Child Health and Human Development (NICHD) invite applications focused on scientific advances in sleep health and circadian and sleep biology. Proposed projects may include the development of innovative education tools, platforms and programs that will transfer health information and scientific advances in sleep and circadian biology to research scientists, health care providers, educators from diverse disciplines, and to specific populations including youth, older adults, women, racial and ethnic minorities, and veterans. Projects should draw upon cutting-edge education, knowledge transfer, or social marketing models and must include analytic plans for the assessment of program efficacy and plans for adoption and sustained implementation in other settings. Applicants may propose to develop tools and strategies to facilitate team science partnerships; enhanced approaches to integrate concepts into evidence based practice; advance community awareness through broader public health initiatives; or decrease sleep health disparities and improve health equality. Successful programs will have plans for portability and adoption in multiple settings and have built in education research methodology to evaluate validity and efficacy. Letters of intent are due by January 2, 2013. Grant applications are due by February 1, 2013. Click here for more information.

**NICHD: Biomedical and Behavioral Research Innovations to Ensure Equity (BRITE) in Maternal and Child Health (R15)**
**PAR-12-093**
Application Submission Dates: April 3, 2012
The *Eunice Kennedy Shriver* National Institute of Child Health and Human Development (NICHD) seeks to increase the diversity of the pool of researchers involved in health equity research related to NICHD mission areas including infant mortality; Sudden Infant Death Syndrome (SIDS); child, adolescent, and/or adult obesity; uterine fibroids; pediatric and maternal HIV/AIDS prevention; violence prevention; health literacy; and outreach and information dissemination. The goal of the Biomedical and Behavioral Research Innovations To Ensure Equity (BRITE) in maternal and child health program is to stimulate maternal and child health equity research within institutions eligible for the Academic Research Enhancement Award (AREA) R15 program. Program priorities include AREA-eligible institutions that educate students from diverse backgrounds underrepresented in biomedical and behavioral science, including individuals from disadvantaged backgrounds, individuals from underrepresented racial and ethnic groups, and individuals with disabilities as a strategy to contribute to a diverse research workforce. BRITE grant awards will support meritorious small-scale, new projects in biomedical and behavioral maternal and child health equity research, including pilot research projects and feasibility studies, and secondary analysis of available data sets. The AREA R15 program is a research grant program and not a training or fellowship program. Thus, applications should not focus on training objectives and training plans should not be provided. However, it is important for the applicant to describe the research activities in which students will participate. To ensure the BRITE Program goals and objectives are being met, the NICHD will conduct a program evaluation five to seven years after the release of this funding opportunity announcement (FOA). Letters of intent are due 30 days prior to the application deadline. Grant applications are due by April 3, 2012. Click here for more information.

**NICHD: Innovative Therapies and Tools for Screenable Disorders in Newborns**
**PAR-10-230 (R01); PAR-10-231 (R03); PAR-10-232 (R21)**
Application Submission Dates: June 5, 2012 (R01); June 16, 2012 (R03 & R21)
This Funding Opportunity Announcement (FOA) issued by the *Eunice Kennedy Shriver* National Institute of Child Health and Human Development (NICHD) is to facilitate the development of beneficial treatments for infants that have been identified as having potentially fatal or disabling conditions through newborn screening. It is important to emphasize that it is the intent of this FOA to expand the definition of "benefit of treatment" beyond the traditional medical model. Demonstrating the benefits of a treatment is often a primary criterion for inclusion of a condition on a newborn screening panel; therefore, this FOA not only encourages research that focuses on conditions for which screening is currently recommended, but also on those "high priority" conditions for which screening is not currently recommended but would significantly benefit from such early identification and treatment. Grant applications are due by June 5, 2012 (R01); June 16, 2012 (R03 & R21). Letters of intent are due 30 days prior to the submission deadline. Additional information is available online for each grant: R01, R03, and R21.

**NICHD: Preclinical Research on Model Organisms to Predict Treatment Outcomes for Disorders Associated with Intellectual and Developmental Disabilities (R01)**

**PAR-11-038**

**Application Submission Date: June 5, 2012**

Several Institutes at the NIH, including the *Eunice Kennedy Shriver* National Institute of Child Health and Human Development (NICHD) seek investigator-initiated R01 applications that propose to identify, validate and/or calibrate physiologic and/or behavioral measures in preclinical animal models of disorders associated with intellectual and developmental disabilities (IDD), particularly in the pediatric population. The announcement specifically targets the development of outcome measures or biomarkers that can serve as informative endpoints in preclinical trials of therapeutic compounds and will predict the safety and efficacy of interventions in human clinical trials for these disorders. This solicitation will focus ongoing clinical and translational research on a neglected area essential for therapy and pharmacological treatment development. Grant applications are due by June 5, 2012. Click here for more information.

**NICHD: Program Project Grant (P01)**

**PAR-10-245**

**Application Submission Date: May 25, 2012**

The National Institute of Child Health and Human Development (NICHD) seeks applications from organizations and institutions that propose to conduct research on reproductive, developmental, behavioral, social, and rehabilitative processes that determine the health or functioning of newborns, infants, children, adults, families, and populations. This grant encourages investigations of complex problems relevant to NICHD's mission. The size and duration of each award will vary. For new applications, up to $750,000 can be requested for the first year, with a cumulative total funding request of no more than $4,000,000 over a five-year period. For continuation applications, the first-year direct cost cap is either $750,000 or an amount 10% above the direct costs awarded in the last non-competing year, whichever is greater. There is also a cumulative cap of $5,000,000 in direct costs over a 5-year award period. Grant applications are due May 25, 2012. Click here for more information.

**NICHD: Understanding and Treating Co-Morbid Conditions in Adolescents with Intellectual and Developmental Disabilities**

**PA-11-039 (R01); PA-11-040 (R03); PA-11-041 (R21)**

**Application Submission Dates: June 5, 2012 (R01); June 16, 2012 (R03; R21)**

The *Eunice Kennedy Shriver* National Institute of Child Health and Human Development (NICHD) encourages research project grant (R01, R03, R21) applications from institutions/organizations that propose to focus investigator-initiated research upon the factors that impact functioning and quality of life in individuals with intellectual and developmental disabilities (IDD) during adolescence. The scope of the funding opportunity announcement (FOA) broadly includes biomedical, educational, social, psychosocial, and psychiatric issues in adolescents with IDD. Applications from investigators experienced in studies of adolescents with IDD are particularly encouraged. Grant applications are due by June 5, 2012 (R01); June 16, 2012 (R03; R21). Additional information is available online for each grant R01, R03, and R21.

**NICHD/OBSSR: Climate Change and Health: Assessing and Modeling Population Vulnerability to Climate Change (R21)**

**PAR-10-235 (R21)**

**Application Submission Date: May 24, 2012**

Several Institutes at the NIH, including the *Eunice Kennedy Shriver* National Institute of Child Health and Human Development (NICHD) and the Office of Behavioral and Social Sciences Research (OBSSR), invite proposals for small research grants to examine the differential risk factors of populations that lead to, or are associated with increased vulnerability to exposures, diseases and other adverse health outcomes that are linked to or likely to result from climate change. The ultimate goal of the program is to identify specific characteristics of populations associated with vulnerability...
that can then be used to more effectively target and implement climate change responses and public health interventions. It is anticipated that the research projects will involve either 1) an applied study focused on specific populations, diseases, health outcomes, environmental exposures or events (e.g., extreme weather events) likely to be impacted by climate change; or 2) development of general methods or models to assess and characterize population variability to climate change that can be adapted to multiple population, health outcome/disease, or exposure scenarios. Grant applications are due by April 24, 2012. Letters of intent are due by May 24, 2012. Click here for more information.

NIDDK: Nutrition Obesity Research Centers (P30)
RFA-DK-12-004
Application Submission Date: June 29, 2012
This funding opportunity announcement (FOA) issued by the National Institutes of Diabetes and Digestive and Kidney Diseases (NIDDK), National Institutes of Health (NIH), invites grant applications from institutions/organizations that propose to establish core centers that are part of an integrated program of nutrition and/or obesity-research. The objective of the Nutrition Obesity Research Centers (NORC) program is to bring together basic science and clinical investigators from relevant disciplines to enhance and extend the effectiveness of research related to nutritional sciences and/or obesity, and related disorders, with clinical and/or translational applications in these areas. Each proposed NORC must be organized around central themes that reflect the nutrition and/or obesity research focus of the center members. A Center must be an identifiable unit within a university or medical center or a consortium of cooperating institutions, including an affiliated university. An existing program of excellence in biomedical basic and clinical research in the areas of nutritional sciences and/or obesity, and related disorders, is required. The research must be in the form of research project grants (R01), program project grants (P01), Resource-Related Research Project Grant (R24), or other peer-reviewed research that is already funded by NIH, other Federal Agencies, or non-federal groups at the time of submission of the Center grant application. It is required that at least fifty percent of the nutritional sciences and obesity or other related disorders research comprising the research base be supported by Federal Agencies. Letters of intent are due by March 29, 2012. Grant applications are due by June 29, 2012. Click here for more information.

NIEHS: Mechanism for Time-Sensitive Research Opportunities in Environmental Health Sciences
PAR-10-083 (R03); PAR-10-084 (R21)
Application Submission Date: Varies
This Funding Opportunity Announcement (FOA), supported by the National Institute of Environmental Health Sciences (NIEHS), is intended to support research in environmental health science in which an unpredictable opportunity has arisen that provides a limited window of opportunity to collect human or animal biosample baseline or exposure data. Such instances could include the immediate aftermath of a natural or man-made disaster; changes in service systems; policy changes likely to lead to alterations in the quality of local air or water, major changes in land use, etc. The distinctive element of the project should be the need for empirical study that is by its nature achievable only if begun within a short time frame. Under this award, the NIEHS has previously funded research focusing on evaluating the developmental effects on children whose mothers were exposed to pesticides during pregnancy, and the effects of air pollution and other environmental toxins on the development of young children. Additional information is available online for each grant: R03 and R21.

NIH: Advancing Novel Science in Women’s Health Research (ANSWHR) (R21)
PAS-10-226
Application Submission Date: October 16, 2012
The purpose of this Funding Opportunity Announcement (FOA), issued by the Office of Research on Women’s Health (ORWH) and co-sponsoring NIH institutes and centers (ICs), is to promote innovative, interdisciplinary research that will advance new concepts in women’s health research and the study of sex/gender differences. Recent research reports have established the importance of studying issues specific to women, including the scientific and clinical importance of analyzing data separately for females and males. ORWH is particularly interested in encouraging extramural investigators to undertake new interdisciplinary research to advance studies on how sex and gender factors affect women's health; however, applications in all areas of women’s health and/or sex/gender research are invited. Grant applications are due by October 16, 2012. Click here for more information.

NIH: Behavioral Interventions to Address Multiple Chronic Health Conditions in Primary Care (R01)
PA-12-024
Application Submission Date: June 5, 2012
Several Institutes at the NIH, including the Office of Behavioral and Social Science Research (OBSSR), invite applications that propose to use a common conceptual model to develop behavioral interventions to modify health behaviors and improve health outcomes in patients with comorbid chronic diseases and health conditions. Specifically, this funding opportunity announcement (FOA) will support research in primary care that uses a multi-disease care management approach to behavioral interventions with high potential impact to improve patient-level health outcomes for individuals
with three or more chronic health conditions. The proposed approach must modify behaviors using a common approach rather than administering a distinct intervention for each targeted behavior and/or condition. Diseases and health conditions can include, but are not limited to: mental health disorders (e.g., depression), diabetes, smoking, obesity, chronic pain, alcohol and substance abuse and dependence, chronic obstructive pulmonary disorder, cancer and hypertension. Grant applications are due by June 5, 2012. Click here for more information.

NIH: Chronic Illness Self-Management in Children and Adolescents
PA-11-070 (R01); PA-11-071 (R03); PA-11-072 (R21)
Application Submission Date: October 5, 2012 (R01); October 16, 2012 (R03 & R21)
Several Institutes at the NIH, including the Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD) are soliciting research to improve self-management and quality of life in children and adolescents with chronic illnesses. Biobehavioral studies of children within the context of family and family-community dynamics are encouraged. Research related to sociocultural, environmental, and behavioral mechanisms as well as biological/technological factors that contribute to successful and ongoing self-management of particular chronic illnesses in children is encouraged. This funding opportunity announcement (FOA) is restricted to studies of children and adolescents ages 8 to 21 with chronic illnesses grouped by developmental stages according to the discretion of the investigator. Grant applications are due by October 5, 2012 (R01); October 16, 2012 (R03 & R21). Additional information is available online for each grant: R01, R03, and R21.

NIH: Countermeasures against Chemical Threats (CounterACT) Cooperative Research Projects (U01)
PAR-10-180
Application Submission Date: September 14, 2012
This Funding Opportunity Announcement (FOA) encourages grant applications for Countermeasures Against Chemical Threats (CounterACT) Cooperative Research Projects (U01s). The overall goal of the NIH CounterACT program is to reduce mortality and morbidity during and after emergency events involving the release of chemical threat agents. Chemical threat agents are toxic chemicals that could cause mass casualties after being released by a deliberate terrorist attack, or by industrial accident or natural disaster. The purpose of this U01 research opportunity is to foster and support the development of Food and Drug Administration (FDA)-approved therapeutics that can be used effectively to treat individuals during a chemical emergency event. This FOA will only support translational research. Letters of intent are due by August 14, 2012. Grant applications are due by September 14, 2012. Click here for more information.

NIH: Health Promotion for Children With Physical Disabilities Through Physical Activity and Diet: Developing An Evidence Base (R21)
PAR-11-284
Application Submission Date: June 16, 2012
Several Institutes at the NIH, including the Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD) and the Office of Behavioral and Social Sciences Research (OBSSR), invite applications that will improve our understanding of how patterns of physical activity and dietary choice affect the health and fitness of children with physical disabilities. Proposed research should account for the functional limitations of children with disabilities and their nutritional needs, as well as the physiological, psychosocial, and environmental factors that play a role in determining the health of this population. The goal of this program announcement is to better understand the special needs of children with physical disabilities, in order to develop integrated clinical and behavioral strategies to promote physical activity, reduce secondary conditions, foster healthy dietary choices, and improve health status and social participation. Of particular concern are the issues involved with promoting exercise and diet in children with disabilities from specific racial/ethnic populations and/or economically disadvantaged families. Letters of intent are due 30 days prior to the grant application deadline. Grant applications are due by June 16, 2012. Click here for more information.

NIH: Healthy Habits: Timing for Developing Sustainable Healthy Behaviors in Children and Adolescents
PA-11-327 (R01); PA-11-328 (R03); PA-11-329 (R21)
Application due date: June 5, 2012 (R01); June 16, 2012 (R03 & R21)
The National Institutes of Health (NIH) encourages grant (R01, R03, and R21) applications that employ innovative research to identify mechanisms of influence and/or promote positive sustainable health behaviors in children from 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 should target social and cultural factors, including: schools, families, communities, population, food industry, age-appropriate learning tools and games, social media, social networking, technology and mass media. The ultimate goal is to promote research that (1) identifies and enhances processes that promote sustainable positive behavior, or (2) changes social and cultural norms that influence health and future health behaviors. Applications are due by June 5, 2012 (R01) and June 16, 2012 (R03 & R21). For more information, click here for R01, here for R03, and here for R21.
NIH: Home and Family Based Approaches for the Prevention or Management of Overweight or Obesity in Early Childhood  
PA-10-127 (R01); PA-10-128 (R21)  
Application Submission Dates: June 5, 2012 (R01); June 16, 2012 (R21)  
Several Institutes at the NIH, including the Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD) and the Office of Behavioral and Social Sciences Research (OBSSR), invite applications that propose to test novel home or family based interventions for the prevention or management of overweight in infancy and early childhood. Tested interventions can use behavioral (including dietary and physical activity), environmental, or other relevant approaches. Applications should focus on infants and young children (to age six years) and emphasize the role of home environment and the influence of family/extended family members and parents (including guardians/substantial care-providers) within the child’s home environment. Research should consider the role of families in the initiation, support, and reinforcement of fundamental food and beverage consumption, physical activity practices, and sedentary behaviors. In addition, it is of interest to elucidate various underlying behavioral determinants that are crucial to initiate or sustain changes in behaviors that impact energy balance. Research designs may include linkages with other settings (e.g., daycare, pre-school, or other community venues) or other care providers (e.g., health care providers or teachers) but must include infants or children less than age six years as the primary study participant along with parents, and/or other family members residing with the child. Grant applications are due by June 5, 2011 (R01); June 16, 2012 (R21). Additional information is available online for each grant: R01 and R21.

NIH: Improving Diet and Physical Activity Assessment (R01)  
PAR-09-224; PAR-09-225  
Application Submission Dates: June 5, 2012 (R01); June 16, 2012  
Several Institutes at the NIH, including the Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD) invite proposals on innovative research to enhance the quality of measurements of dietary intake and physical activity. Applications submitted under this funding opportunity announcement (FOA) may include the development of: novel assessment approaches; better methods to evaluate instruments; assessment tools for culturally diverse populations or various age groups, including children and older adults; improved technology or applications of existing technology; statistical methods to assess or correct for measurement errors or biases, methods to investigate the multidimensionality of diet and physical activity behavior through pattern analysis; or integrated measurement of diet and physical activity along with the environmental context of such behaviors. Letters of intent are due by May 5, 2012 (R01) and May 16, 2012 (R21). Grant applications are due by June 5, 2012 (R01) and June 16, 2012. Additional information is available online for each grant: R01 and R21.

NIH: Interventions for Health Promotion and Disease Prevention in Native American Populations (R01)  
PAR-11-346  
Application Submission Date: May 15, 2012  
Several Institutes at the NIH, including the National Institute on Drug Abuse (NIDA) invite proposals to develop, adapt, and test the effectiveness of health promotion and disease prevention interventions in Native American (NA) populations. The intervention program should be culturally appropriate and promote the adoption of healthy lifestyles, improve behaviors and social conditions and/or improve environmental conditions related to chronic disease, the consumption of tobacco, alcohol and other drugs, mental illness and HIV-infection. The intervention program should be designed so that it could be sustained within the entire community within existing resources, and, if successful, disseminated in other Native American communities. The long-term goal of this funding opportunity announcement (FOA) is to reduce mortality and morbidity in NA communities. Letters of intent are due by April 15, 2012. Grant applications are due by May 15, 2012. Click here for more information.

NIH: Limited Competition: Framework Programs for Global Health Innovation (D43)  
PAR-12-003  
Application Submission Dates: December 14, 2012  
The Fogarty International Center at the National Institutes of Health (NIH) issues this funding opportunity announcement (FOA) focused on building institutional capacity in broadly multidisciplinary global health education, research, and research training on campuses in the U.S. and low and middle income countries (LMICs). This FOA supports the development of interdisciplinary training programs in global health directed towards encouraging innovation in products, processes, and policies. This FOA has three objectives: (1) To expand the base of expertise needed and available to tackle the challenging problems of global health by developing trans-institutional, problem-solving based research training programs that will bring together trainees of widely diverse expertise to work together on research problems in global health; (2) To stimulate new knowledge, approaches, and solutions in global health, in part by exploring the question: What is an "innovation" in the context of global health and how might an institution create an enabling environment to encourage innovations in products, processes, or policy to emerge out of their research and research training activities?;
and (3) To integrate global health research communities within and among institutions by building capacity at the institution(s) to support an interdisciplinary research training program in Global Health Innovation. Training projects should identify critical health needs in LMICs that can be addressed through the program, and should carry out the scientific research necessary to develop, validate, and test their concepts. This FOA emphasizes hands-on, problem-solving, and collaborative approaches and allows U.S. and LMIC trainees to be trained together. By engaging multiple entities within and among institutions, the proposed programs should also build institutional capacity for interdisciplinary training in global health, stimulate new collaborations, and increase the pipeline of researchers from a wide variety of fields who engage in global health research. Letters of intent are due by November 15, 2012. Applications are due by December 14, 2012. Click here for more information.

NIH: Obesity Policy Research: Evaluation and Measures
PA-10-027 (R01); PA-10-028 (R21); PA-10-029 (R03)
Application Submission Dates: June 5, 2012 (R01); June 16, 2012 (R03 and R21)
Several Institutes at the NIH, including the Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD) and the Office of Behavioral and Social Sciences Research (OBSSR) invite applications that propose to: (1) conduct evaluation research on obesity-related “natural experiments” (defined here as community and other population-level public policy interventions that may affect diet and physical activity behavior), and/or (2) develop and/or validate relevant community-level measures (instruments and methodologies to assess the food and physical activity environments at the community level). The overarching goal of this funding opportunity announcement (FOA) is to inform public policy and research relevant to (1) diet and physical activity behavior, and (2) weight and health outcomes of Americans. Grant applications are due by June 5, 2012 (R01); June 16, 2012 (R03 and R21). Additional information is available online for each grant: R01, R21, and R03.

NIH: Practical Interventions to Improve Medication Adherence in Primary Care
PA-12-022 (R01); PA-12-023 (R21)
Application Submission Dates: June 5, 2012 (R01); June 16, 2012 (R21)
Several Institutes at the NIH, including the Office of Behavioral and Social Sciences Research (OBSSR) invite applications for research and development of novel, practical interventions to improve adherence to medication. Development of interventions/approaches with the potential to significantly improve medication adherence in patients with chronic health conditions in settings where primary health care is delivered (including, dental and eye care settings) are encouraged. Applications may target medication adherence in the context of treatment for a single illness or chronic condition (e.g., hypertension) or multiple comorbid conditions (e.g., hypertension and HIV/AIDS). Applicants should demonstrate the feasibility of collecting multi-modal data on the targets of the intervention including: a patient self-report of medication adherence and at least one other non-self-report measure of medication adherence (e.g., pharmacy refill records, electronic monitoring, etc.), as well as a health outcome or biomarker (e.g., blood pressure, viral load in HIV patients, cholesterol levels, HbA1c or clinical assessment for conditions in which there is no validated biomarker) that is expected to be affected by changes in the targeted adherence behavior. The intervention can include appropriate contextual factors in the patient’s life—e.g., family, community, neighborhood, school, worksite, pharmacy, or other setting(s). Grant applications are due by June 5, 2012 (R01); June 16, 2012 (R21). Additional information is available online for each grant: R01 and R21.

NIH: Research on the Health of LGBTI Populations
PA-12-111 (R01); PA-12-112 (R03); PA-12-113 (R21)
Application Submission Date: June 5, 2012 (R01); June 16, 2012 (R03; R21)
This funding opportunity announcement (FOA), sponsored by several Institutes within the National Institutes of Health (NIH), calls for research that describes the biological, clinical, behavioral, and social processes that affect the health and development among LGBTI populations and among their families, and that leads to the development of effective supportive, preventive and treatment interventions and health service delivery methods that will enhance the health and development of these populations. LGBTI refers to lesbian, gay, bisexual, transgender, intersex, and related populations. This FOA encourages researchers to investigate new research questions related to the health and development of LGBTI individuals and their families and to develop and/or apply innovative methodologies to improve understanding of mechanisms affecting the health and development of these populations. Three types of research on preventive and treatment interventions and health service delivery methods are included within this FOA: (1) Formative research that will design and pilot test new interventions; (2) Large-scale implementation and evaluation of preventive and/or treatment interventions that are evidence based; and (3) Adaptations of current interventions that are based by strong rationales, including, at a minimum, pilot data. Applicants should provide a precise description of the target population and of the sampling methods to be employed, paying attention not only to sexual identity, sexual orientation, and gender characteristics, but to such variables as age, generational cohort, race/ethnicity, culture, geography, socioeconomic status, and physical and psychological qualities. Grant applications are due by June 5, 2012 (R01) and June 16, 2012 (R03; R21). More information is available online for each grant mechanism: R01, R03, and R21.
NIH: School Nutrition and Physical Activity Policies, Obesogenic Behaviors and Weight Outcomes
PA-10-052 (R01); PA-10-054 (R03); PA-10-053 (R21)
Application Submission Dates: June 5, 2012 (R01); June 16, 2012 (R03; R21)
Several institutes at the NIH, including the Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD) and the Office of Behavioral and Social Sciences Research (OBSSR) invite applications that propose to: (1) foster multidisciplinary research that will evaluate how policies (federal, state and school district levels) can influence school physical activity and nutrition environments, youths’ obesogenic behaviors (e.g., nutrition and physical activity behaviors), and weight outcomes; (2) understand how schools are implementing these policies and examine multi-level influences on adoption and implementation at various levels (e.g. federal, state, school district, and school); and (3) understand the synergistic or counteractive effect of school nutrition and physical activity policies on the home and community environment and body weight. Grant applications are due by June 5, 2012 (R01); June 16, 2012 (R03; R21). Additional information is available online for each grant: R01, R03, and R21.

NIH: Social Network Analysis and Health
PAR-10-145 (R01); PAR-10-146 (R21)
Application Submission Date: May 11, 2012
Social networks are social structures comprised of nodes, which can be individuals, organizations, or even societies. In a social network, nodes are tied to each other based on a type of social relationship, such as friendship, kinship, sexual contact, or economic exchange. Social network analysis (SNA) is the measuring, mapping, analyzing, and interpretation of social network structures, the ties between nodes, and the flows that occur within and across networks. Information, disease pathogens, ideas, money, and many other things can flow across networks. The goal of this funding announcement is to advance the science of SNA in ways that will enhance its utility for understanding and addressing public health issues. This funding opportunity announcement (FOA) calls for research with the potential to advance and expand the utility of SNA and methods in studies of health and disease. Researchers can represent networks graphically, locate them spatially, and describe and analyze their properties mathematically. These spatial and mathematical relations (i.e., “networks”) can then be related to the content and quality of interpersonal ties, individual or group phenotypes and behaviors, and the well-being and dynamics of groups and communities. SNA can be used to yield more meaningful measures of social integration in studies focusing on individual outcomes and to investigate the social dynamics underlying community function and population health. SNA can be used to study the transmission of viral infections, behaviors, attitudes, information, or the diffusion of medical practices. This FOA encourages the cooperation of multidisciplinary teams with expertise in various aspects of network analysis and in the social and behavioral sciences. Letters of intent are due by April 11, 2012. Grant applications are due by May 11, 2012. Additional information is available online for each grant: R01 and R21.

NIH: Understanding and Promoting Health Literacy
PAR–10–133 (R01); PAR–10–134 (R03); PAR–10–135 (R21)
Application Submission Dates: June 5, 2012 (R01); June 16, 2012 (R03; R21)
Several institutes at the NIH including the Office of Behavioral and Social Sciences Research (OBSSR) and the Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD) invite empirical research on health literacy concepts, theory and interventions as these relate to the U.S. Department of Health and Human Services’ public health priorities that are outlined in its Healthy People initiative. Health literacy is defined as the degree to which individuals have the capacity to obtain, process, and understand basic health information and services needed to make appropriate health decisions. Applications should address health promotion, injury or disease prevention, environmental exposure reduction, treatment or management of injuries, diseases or health conditions, and/or the improvement of health or health care outcomes within specific populations (e.g., children, the elderly, low income or vulnerable or underserved populations). Letters of intent are due 30 days prior to the grant application deadline. Grant applications are due by June 5, 2012 (R01); June 16, 2012 (R03; R21). Additional information is available online for each grant: R01, R03, and R21.

NIH: Virtual Reality Technologies for Research and Education in Obesity and Diabetes
PA-11-211 (R01); PA-11-212 (R21)
Application Submission Date: June 5, 2012 (R01); June 16, 2012 (R21)
Several institutes at the NIH, including the Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD) and the Office of Behavioral and Social Science Research (OBSSR), encourage the submission of hypothesis-testing research applications that capitalize on unique capabilities of Virtual Reality (VR) technologies to visualize outcomes, teach, motivate, and to extend the health care and learning environments, in order to foster desirable eating, physical activity, self-care, and other health-related behaviors necessary for prevention and management of obesity and diabetes. Of highest interest are well-designed multidisciplinary projects drawing on expertise in VR technologies and biomedical behavioral and pedagogical sciences. The overall goal is to develop the potential of VR technologies as research tools for behavioral science-oriented studies in diabetes and obesity, and as practical tools for
increasing levels of commercial involvement are more likely to achieve successful translation. Letters of intent are due by April 18, 2012. Grant applications are due by May 18, 2012. Click here for more information.

NIH/NSF: Transforming Biomedicine at the Interface of the Life and Physical Sciences (R01)
PAR-10-141
Application Submission Date: May 18, 2012
The National Institutes of Health (NIH) and the National Science Foundation (NSF) are issuing this joint announcement to encourage grant applications from institutions/organizations to encourage quantitative/physical scientists and engineers to apply their unique skills and perspectives to overcome important problems in translational research and catalyze clinical advances. Projects must propose an innovative application of the physical or quantitative sciences to help solve a translational or clinical problem. The application must highlight why a bridging approach is necessary and how this will lead to clinical implementation. It is strongly recommended that the project have at least one PD/PI from the physical or quantitative sciences, and at least one PD/PI from the clinical/biomedical sciences. To help ensure ultimate clinical utility, it is also recommended that these projects involve a commercial partner. Their role can vary from consultancy, active engagement in project design, to a substantial investment of project resources. It is expected that projects with greater or increasing levels of commercial involvement are more likely to achieve successful translation. Letters of intent are due by April 18, 2012. Grant applications are due by May 18, 2012. Click here for more information.

NIMHD: Social, Behavioral, Health Services, and Policy Research on Minority Health and Health Disparities (R01)
RFA-MD-12-003
Application Submission Date: June 4, 2012
The purpose of this Funding Opportunity Announcement (FOA), issued by the National Institute on Minority Health and Health Disparities (NIMHD), is to solicit innovative social, behavioral, health services, and policy research that can directly and demonstrably contribute to the elimination of health disparities. Projects may involve primary data collection or secondary analysis of existing datasets. Projects that examine understudied health conditions; examine the effectiveness of interventions, services, or policies for multiple health disparity populations; and/or directly measure the impact of project activities on levels of health disparities are particularly encouraged. Research topics include, but are not limited to: social, behavioral, cultural, or environmental risk and protective factors related to the development of health conditions; the impact of racism, discrimination, and segregation on health and health behavior and strategies to ameliorate these effects; preventive or health improvement interventions at the individual, family, neighborhood, or community level; and Implementation and/or analysis of local, state, or national health policies that increase or reduce health disparities, such as those related to insurance coverage or reimbursement, organization of government-run or -funded healthcare services, or regulation of environmental hazards. Letters of intent are due by May 4, 2012. Grant applications are due by June 4, 2012. Click here for more information.

NIMH/NIDA: Dissemination and Implementation Research in Health
PAR-10-039 (R03); PAR-10-038 (R01); PAR-10-040 (R21)
Application Submission Date: June 16, 2012 (R03 & R21); June 5, 2012 (R01)
Several Institutes at the NIH, including the National Institute of Mental Health (NIMH) and the National Institute on Drug Abuse (NIDA), invite grant applications for research that will identify, develop, and refine effective and efficient methods, structures, and strategies to disseminate and implement research-tested health behavior change interventions and evidence-based prevention, early detection, diagnostic, treatment, and quality of life improvement interventions into public health and clinical practice settings. The purpose of this dissemination and implementation research program announcement is to support innovative approaches to identifying, understanding, and overcoming barriers to the adaptation, adoption and integration of evidence-based interventions and guidelines that previous research has shown to be efficacious and effective, but where uptake to date has been limited or significantly delayed. The goals of this funding opportunity announcement (FOA) are to encourage trans-disciplinary teams of scientists and practice stakeholders to work together to develop and/or test conceptual models of dissemination and implementation that may be applicable across diverse community and practice settings, and design studies that will accurately assess the outcomes of dissemination and implementation efforts. Grant applications are due by June 16, 2012 (R03 & R21); June 5, 2012 (R01). Click Additional information is available online for each grant: R03, R21, and R01.

NINR: Maternal Nutrition and Pre-pregnancy Obesity: Effects on Mothers, Infants and Children (R01)
PA-12-061
Application Submission Date: June 5, 2012
This Funding Opportunity Announcement (FOA) issued by the National Institute of Nursing Research (NINR) encourages applications to improve health outcomes for women, infants and children, by stimulating interdisciplinary research focused on maternal nutrition and pre-pregnancy obesity. Maternal health significantly impacts not only the mother but also the intrauterine environment, and subsequently fetal development and the health of the newborn. Examples of projects considered to be appropriate to this announcement include but are not limited to those that:

- Identify components of the maternal diet, caloric levels of nutrient supply, timing of nutritional restriction/excess during gestation and lactation, or combinations thereof, which predispose towards development of obesity in the mother postpartum and the offspring during development.
- Explore the effects of supplementation with dietary micronutrients, such as vitamins related to methionine and DNA methylation (e.g., folic acid, vit B6) on food intake and/or energy expenditure of the mother and the child, maternal and newborn outcomes, and post-partum weight gain.
- Assess interventions that target modifiable factors in the maternal pre- and post-natal environment which may modulate genetic susceptibility to obesity. These factors may include psychosocial stressors, maternal behaviors such as smoking, alcohol or substance abuse, exposure to infectious and pharmacological agents, management of co-morbidities, sleep habits, timing and patterns of infant feeding, and child rearing practices.
- Describe preventive health practices that may override obesity-predisposing non-modifiable factors such as birth order, ethnicity, age and parity.
- Examine the effects of pre-pregnancy obesity on maternal outcomes (e.g., gestational diabetes, pre-eclampsia, complications of labor and delivery), type of delivery (e.g., vaginal and cesarean section), the delivery experience (hospital and home deliveries), and newborn infant outcomes (e.g., prematurity, low birth weight, large for gestational age, birth defects).
- Define effective and safe prenatal weight-reduction goals for pre-pregnant obese and non-obese women to prevent excessive gestational weight gain
- Describe the impact of weight reduction techniques known to be effective in non-pregnant women, such as nutritional interventions and physical activity, on maternal outcomes.
- Develop and test strategies to promote the delivery of healthy infants born to obese women

Grant applications are due by June 1, 2012. Click here for more information.

**OBSSR: Health Promotion among Racial and Ethnic Minority Males**

**PA-10-236 (R01); PA-10-237 (R21)**

**Application Submission Dates: June 5, 2012 (R01); June 16, 2012 (R21)**

The Office of Behavioral and Social Sciences Research (OBSSR) invites grant applications from applicants that propose to stimulate and expand research in the health of minority men. Specifically, this initiative is intended to: 1) enhance the understanding of the numerous factors (e.g., sociodemographic, community, societal, personal) influencing the health promoting behaviors of racial and ethnic minority males and their subpopulations across the life cycle, and 2) encourage applications focusing on the development and testing of culturally and linguistically appropriate health-promoting interventions designed to reduce health disparities among racially and ethnically diverse males and their subpopulations age 21 and older. Grant applications are due by June 5, 2012 (R01); June 16, 2012 (R21). Additional information is available online for each grant: R01 and R21.

**OBSSR: Home and Family Based Approaches for the Prevention or Management of Overweight or Obesity in Early Childhood**

**PA-10-127 (R01); PA-10-128 (R21)**

**Application Submission Dates: June 5, 2012 (R01); June 16, 2012 (R21)**

This Funding Opportunity Announcement (FOA) issued by the National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK), the National Heart, Lung and Blood Institute (NHLBI), and the Office of Behavioral and Social Science Research (OBSSR), NIH invites applications from institutions/organizations that propose randomized clinical trials testing novel home- or family-based interventions for the prevention or management of overweight in infancy and early childhood. Tested interventions can use behavioral (including dietary and physical activity), environmental, or other relevant approaches. Applications should focus on infants and young children (to age six years) and emphasize the role of home environment and the influence of family/extended family members and parents (including guardians/substantial caregivers) within the child’s home environment. The direct goal of this initiative is to fund research that will advance knowledge for innovative approaches to the prevention or management of overweight in children less than 6 years of age, with potential for future translation to applications either in the home or linked to a community setting. The overarching goal is to identify interventions that influence parent and child behaviors that contribute to inappropriate weight gain, and thereby improve subsequent health status in childhood, adolescence, and adulthood for which overweight is a known risk factor. Grant applications are due by June 5, 2012 (R01); June 16, 2012 (R21). Additional information is available online for each grant: R01 and R21.
HIV/AIDS

NIAAA: Research on Alcohol and HIV/AIDS
PA-10-103 (R01); PA-10-104 (R03); PA-10-105 (R21)
Application Submission Dates: June 5, 2012 (R01); June 16, 2012 (R03 & R21)
This Funding Opportunity Announcement (FOA) is intended to appeal to a broad audience of alcohol and HIV/AIDS researchers, including alcohol researchers with no prior experience in HIV/AIDS research, but with a keen appreciation for the relationship between problem drinking and HIV/AIDS and a strong interest in acquiring such experience; HIV/AIDS researchers with no prior alcohol research experience who realize the importance of more intensive alcohol interventions to improving clinical outcomes among HIV+ individuals; and those with prior research experience in the area of co-occurring HIV/AIDS and alcohol and other substance abuse. The primary objectives for this announcement are to increase research: 1) to characterize the relative importance of reducing alcohol misuse in the prevention of acquisition and transmission of HIV in order to identify and apply appropriate alcohol and HIV interventions as public health measures, 2) to more fully understand and prevent the progression of HIV disease in the presence of continued alcohol exposure and 3) to develop operational research frameworks for addressing the occurrence and persistence of infections in high-risk populations (e.g. minority women, young gay men, etc.), and translate findings these targeted populations. Grant applications are due by June 5, 2012 (R01); June 16, 2012 (R03 & R21). Additional information is available online for each grant: R01, R03, and R21.

NIAAA/NIDA: Substance Use and Abuse, Risky Decision Making and HIV/AIDS
PA-11-006 (R01); PA-11-007 (R21); PA-11-008 (R03)
Application Submission Dates: June 5 (R01); June 16 (R03, R21)
The National Institute on Drug Abuse (NIDA) and the National Institute on Alcohol Abuse and Alcoholism (NIAAA) are seeking applications for the Substance Use and Abuse, Risky Decision Making and HIV/AIDS grant. Applications should focus on how people make decisions that involve behaviors like drug use/abuse that could affect the risk of contracting or transmitting HIV. Proposals should study cognitive, motivational or emotional mechanisms and/or brain neuroendocrine and reinforcement systems that relate to risk behaviors for HIV or the refusal to comply with HIV treatment. Especially encouraged are interdisciplinary studies that incorporate approaches from psychology, economics, anthropology, sociology, decision studies, neuroscience, and computational modeling. R01 applications should be empirical, hypothesis-driven, confirmatory research and modeling approaches, while the R03 and R21 mechanisms applications are intended for exploratory, descriptive, or hypothesis-generating research. Applicants should be aware that no element of animal research should be proposed for any of the funding mechanisms. Given the nature of the proposals, the size and duration of each award will vary, but projects may not exceed five years in duration. Previous grant research has included the evaluation of the relationship between sexual behavior in methamphetamine addicts and HIV transmission, as well as the neurobehavioral foundations of risk-taking behaviors in cocaine addicts as they relate to the transmission of HIV. Previous research looked at the neuropsychological elements of risky behavior, especially involving the impairment of executive functioning in the brain in drug-addicted patients. Grant applications are due June 5 (R01) and June 16 (R03 and R21). More information is available online for each grant: R01, R03, and R21.

NIDA: AIDS-Science Track Award for Research Transition (R03)
PAR-10-021
Application Submission Date: September 7, 2012
The National Institute on Drug Abuse (NIDA) seeks to facilitate the entry of investigators to the area of drug abuse research on HIV/AIDS, including both newly independent investigators (independent of a mentor but without R01 funding) and early career investigators who seek to add research on the intersection of drug abuse and HIV/AIDS to their research programs (applicants may have an existing R01 grant but not one combining drug abuse and HIV/AIDS research). To promote the entry of new investigators into research on the natural history, epidemiology, etiology and pathogenesis, prevention, and treatment of HIV/AIDS in drug abusers, this AIDS–Science Track Award for Research Transition (A-START) Funding Opportunity Announcement (FOA) (R03) will support: 1) Pilot or feasibility studies; 2) Secondary analysis of existing data; 4) Small, self-contained research projects; 5) Development of research methodology; and 6) Development of new research technology. The funding opportunity announcement provides up to $200,000 support over a two year period and allows flexibility in budgeting, (i.e., funds may be divided evenly over two years or may be divided unevenly, with a maximum of up to $100,000 per year). The funding levels and funding flexibility are designed to accommodate the full range of HIV/AIDS studies that NIDA supports, but the amount requested and allocation of funds between the two years must be justified in the application. Applications are non-renewable. Grant applications are due by September 7, 2012. Click here for more information.

NIDA: Drug Abuse Aspects of HIV/AIDS
PA-10-129 (R01); PA-10-130 (R21); PA-10-131 (R03)
Application Submission Date: June 5, 2012 (R01); June 16, 2012 (R03; R21)
The National Institute on Drug Abuse (NIDA) invites applications to examine the drug abuse aspects of HIV/AIDS, including research on drug-related risk behaviors, addiction and HIV disease, and drug use/HIV-related comorbidities and consequences. Proposals are needed to identify and predict changes in the epidemiology of HIV/AIDS among injection and non-injection drug users and among their sexual partners, to develop and test primary and secondary drug abuse and HIV prevention and treatment interventions, to improve HIV testing, counseling, and treatment services for those living with HIV/AIDS, and to address basic mechanisms involved in HIV infection and AIDS pathogenesis in the context of drug abuse and addiction. Grant applications are due by June 5, 2012 (R01); June 16, 2012 (R03; R21). Additional information is available online for each grant: R01, R21, and R03.

NIDA: HIV/AIDS, Drug Use, and Vulnerable Populations in the US
PA-09-236 (R01); PA-09-237 (R21)
Application Submission Dates: June 5 (R01); June 16 (R21)
The National Institute on Drug Abuse are seeking research proposals to identify the role(s) that drug abuse plays in fueling the HIV/AIDS epidemic in vulnerable groups (racial/ethnic minorities, men who have sex with men, youth) in the United States and to develop effective interventions to prevent new infections and to improve the health and well-being of those living with HIV/AIDS. It is essential to understand the factors (biological, behavioral, psychosocial, environmental, institutional, etc.) responsible for the profoundly disproportionate burden of HIV/AIDS among vulnerable groups. This funding opportunity announcement (FOA will) support studies to: 1) understand the contribution of drug abuse (both injection and non-injection) to the acquisition and/or transmission of HIV; 2) study disease progression and disease outcomes; 3) develop and/or improve prevention and treatment interventions; 4) address organizational, structural, and/or community level factors including social, drug-using, and sexual networks. Grant applications are due by June 5 (R01); June 16 (R21). Additional information is available online for each grant: R01 and R21.

NIH: Leadership Group for a Clinical Research Network on HIV/AIDS and HIV-associated Infections in Pediatric and Maternal Populations (UM1)
RFA-AI-12-001
Application Submission Date: September 28, 2012
Several Institutes within the National Institutes of Health (NIH), including the Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD), solicit applications for the Leadership Group (LG) for a Clinical Research Network on HIV/AIDS and HIV-associated Infections in Pediatric and Maternal Populations. The LG will have overall responsibility for: (1) developing, implementing and adapting the network’s clinical research agenda to address the National Institute of Allergy and Infectious Diseases (NIAIDs) HIV/AIDS scientific priorities; (2) overseeing and managing the network’s scientific/clinical research activities and associated laboratory and statistical/data management support functions; (3) allocating network resources; and (4) evaluating network performance using a LG proposed/Division of AIDS approved process and evaluation standards. The network will focus its research on infants, children, adolescents and pregnant/postpartum women with HIV or HIV-associated infections, or, in some cases, at high risk for HIV infection. NIAID’s scientific priority areas to be addressed by the LG of the network in their proposed clinical research agenda include the following: (1) Vaccines of high priority to these populations; (2) Cure and/or functional cure of HIV; (3) Co-infections, co-morbidities and consequences of antiretroviral therapy; (4) Prevention of acquisition of HIV; and (5) Pharmacology, drug formulations and novel interventions. Letters of intent are due by August 28, 2012. Grant applications are due by September 28, 2012. Click here for more information.

NIH: Research Supplements to Promote Diversity in Health-Related Research
PA-08-190
Application Submission Date: Applications may be submitted at any time
The NIH and the Centers for Disease Control and Prevention (CDC) invite all NIH Institutes and Centers (ICs), the NIH Common Fund, and the National Institute for Occupational Safety (NIOSH, CDC) to apply for funds for administrative supplements to improve the diversity of the research workforce by supporting and recruiting students, post doctorates, and eligible investigators from groups that have been shown to be underrepresented. Although the administrative supplements supported under this program provide funding for less than one percent of all individuals involved in NIH supported research, the NIH has found these awards to be an effective means of encouraging institutions to recruit from currently underrepresented groups. The purpose of this funding opportunity is to promote diversity in the biomedical, behavioral, clinical and social sciences research workforce and to improve the nation’s capacity to address and eliminate health disparities. Applications may be submitted at any time. Click here for more information.

NIMH: Research Education Programs for HIV/AIDS Research (R25)
PAR-11-002
Application Submission Date: January 7 annually
This funding opportunity announcement (FOA) issued by the National Institute of Mental Health (NIMH) encourages applications from institutions/organizations that propose creative and innovative research education programs to facilitate the development of a cadre of investigators in appropriate scientific areas to fulfill the mental health relevant objectives as defined by the Office of Aids Research (OAR) Annual Strategic Plan. The NIH Research Education (R25) grant mechanism is a flexible and specialized mechanism designed to foster the development of biomedical, behavioral, and clinical researchers through creative and innovative research education programs. The overall goal of this FOA is to support research education programs that provide research mentoring experiences and whose ultimate aim is to increase the number of highly trained scientists in various scientific areas to address the nation's biomedical, behavioral, and clinical research needs that are relevant to the mission of the NIMH AIDS research program. Letters of intent are due 30 days prior to the application submission date. Grant applications are due annually on January 7. Click here for more information.

**HOME VISITING**

**HRSA: Affordable Care Act – Maternal, Infant, and Early Childhood Home Visiting Research Program**

**HRSA-12-159**

**Application Submission Date: March 16, 2012**

The Health Resources and Services Administration (HRSA), Maternal and Child Health Bureau is soliciting research proposals relating to maternal, infant, and early childhood home visiting services which show promise of advancing knowledge about the implementation and effectiveness of home visiting programs designed to improve life outcomes among mothers, infants, and young children. Findings from the research supported by this program are expected to have potential for application in improving home visiting programs for mothers and children. By legislative statute, the program requires the use of random assignment designs to the maximum extent feasible. Research proposals should address critical home visiting questions, with the following as examples: Testing the effectiveness of approaches to the implementation of evidence-based home visiting programs within communities; Testing the efficacy of enhancements to evidence-based home visiting programs, including but not limited to: culturally appropriate adaptations; enhancements to address intimate-partner violence, substance abuse, and maternal or paternal health and wellbeing; or enhancements related to improving the participant outcomes; Assessing the penetration in the home visiting field of standardized performance measures or indicators across benchmark areas, and the use of continuous quality improvement (CQI) principles, tools, and accepted practices at the program site and state levels based on those indicators; and Investigating mechanisms of change within program models or implementation systems in order to identify which program components work under which circumstances for which participants. Grant applications are due by March 16, 2012. Click here for more information.

**INTERNATIONAL**

**NIAAA: International Research Collaboration on Alcohol and Alcoholism (U01)**

**PAR-11-282**

**Application Submission Date: June 5, 2012**

The National Institute on Alcohol Abuse and Alcoholism (NIAAA) invites applications for the purpose of fostering international collaborations between alcohol research investigators within the U.S. and investigators located at non-U.S. laboratories and performance sites for the mutual advancement of our understanding of alcohol problems and of clinical and public health approaches to their solutions. The program is intended to provide funds for research activities to be undertaken jointly between the U.S. and non-U.S. laboratory that expands the research direction of both the U.S. and non-U.S. laboratories in a collaborative manner. Applications are invited across the full spectrum of alcohol research from basic science to clinical, public health and health services research. Any of a large number of research questions may be addressed under this program, and may involve the use of human subjects, research animal models, statistical modeling, or in vitro approaches. It is the expectation of NIAAA that both the U.S. and non-U.S. investigators will have pre-existing research programs at the time of application and the funds to be provided through this award will be used to enhance, through an active collaboration, the ongoing research efforts in both laboratories. Thereby, funds provided under this announcement will not substitute or replace the support for the on-going research efforts in the respective laboratories, but will be limited to support of new activities within the proposal for collaboration. Resources contributed to the collaborative research effort by each investigator may include contributions of personnel, access to study populations, laboratory, and other research facilities, etc. Letters of intent are due 30 days prior to grant application deadline. Grant applications are due by June 5, 2012. Click here for more information.

**NIDA: International Research Collaboration on Drug Abuse and Addiction**
The National Institute on Drug Abuse (NIDA) invites applications for international collaborative research on drug abuse and drug addiction. Projects should seek to: 1) take advantage of unique opportunities to advance scientific knowledge through research; 2) address the global impact of addiction on public health through activities that build research capacity internationally; or 3) effectively disseminate and share the knowledge gained through NIDA-supported research to scientists, treatment providers, and policy makers around the world. Current priority areas include: linkages between HIV/AIDS and drug abuse, and prevention, initiation, and treatment of nicotine and tobacco use (especially among vulnerable populations such as children, adolescents, pregnant women, and those with co-morbid disorders). Grant applications are due by June 5, 2012 (R01); June 16, 2012 (R21; R03). Additional information is available online for each grant: R01, R03, and R21.

NIH: Fogarty International Research Collaboration - Behavioral and Social Sciences (FIRCA-BSS) Research Award (R03)
PAR-11-036
Application Submission Date: January 10, 2013
Several Institutes at the NIH including the Fogarty International Center (FIC) and the National Institute on Drug Abuse (NIDA) support the Fogarty International Research Collaboration – Behavioral and Social Sciences (FIRCA-BSS) Research Award, which facilitates collaborative behavioral and social sciences research between scientists supported by the National Institutes of Health (NIH) and investigators in low- and middle-income countries (LMICs). The FIRCA will extend and enhance the research interests of both the NIH-funded scientist and the collaborating LMIC scientist, and will help build the research and research capabilities of the LMIC investigator and institution. Special consideration will be given to proposed research that addresses significant global health problems, particularly those of high relevance to a LMIC or region, and that includes research capacity building as a major aim of the proposed project. Grant applications are due by January 10, 2013. Click here for more information.

NIH: International Neuroscience Fellowship (F05)
PAR-11-106
Application Submission Deadline: August 16, 2012
The goal of the International Neuroscience Fellowship (INF), sponsored by several Institutes within the National Institutes of Health (NIH), is to advance the training of qualified foreign neuroscientists and clinicians at the early or mid-career level, by enhancing their basic, translational or clinical research skills in a research setting in the United States. This program aims to strengthen the intellectual capital of neuroscience research in international institutions. Awardees are expected to pursue future independent and productive careers, which stimulate research in the neurosciences on a global scale. Eligible individual applicants include non-immigrant foreign scientists at the early or mid-career level. All applicants must have a doctoral or equivalent degree, and an endorsement from their home institution, with a guaranteed appointment upon completion of the fellowship. Applicants must be proficient in English and must have a sponsor in the U.S. who is affiliated with an eligible U.S. organization. All applicants must be from a low- to middle-income country based on Gross National Income per capita classified by the World Bank (http://go.worldbank.org/K2CKM78CC0). All applications for the INF must be submitted from the U.S. Sponsoring Institution. The broader goal of this program announcement is to strengthen the intellectual capital of neuroscience research in foreign institutions, particularly those with limited economic resources. It is hoped that this funding opportunity announcement (FOA) will enhance the quality and quantity of international neuroscience research, while fostering long lasting collaborations between foreign and U.S. neuroscientists. Letters of intent are due by July 16, 2012. Grant applications are due by August 16, 2012. Click here for more information.

NIH: Limited Competition: Framework Programs for Global Health Innovation (D43)
PAR-12-003
Application Submission Dates: December 14, 2012
The Fogarty International Center at the National Institutes of Health (NIH) issues this funding opportunity announcement (FOA) focused on building institutional capacity in broadly multidisciplinary global health education, research, and research training on campuses in the U.S. and low and middle income countries (LMICs). This FOA supports the development of interdisciplinary training programs in global health directed towards encouraging innovation in products, processes, and policies. This FOA has three objectives: (1) To expand the base of expertise needed and available to tackle the challenging problems of global health by developing trans-institutional, problem-solving based research training programs that will bring together trainees of widely diverse expertise to work together on research problems in global health; (2) To stimulate new knowledge, approaches, and solutions in global health, in part by exploring the question: What is an "innovation" in the context of global health and how might an institution create an enabling environment to encourage innovations in products, processes, or policy to emerge out of their research and research training activities?; and (3) To integrate global health research communities within and among institutions by building capacity at the
NIH: International Research Ethics Education and Curriculum Development Award (R25)
PAR-10-174
Application Submission Date: May 10, 2012
This funding opportunity announcement (FOA), issued by the Fogarty International Center (FIC) at the National Institutes of Health (NIH), in collaboration with National Institute of Allergy and Infectious Diseases (NIAID), National Institute of Mental Health (NIMH), National Human Genome Research Institute (NHGRI), Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD) and National Institute of Biomedical Imaging and Bioengineering (NIBIB), requests Research Education Grant (R25) applications from institutions/organizations that propose to develop masters level curricula and provide educational opportunities for developing country academics, researchers and health professionals in ethics related to performing research involving human subjects in international resource poor settings. The goal of this initiative is to increase the number of developing country scientists, health professionals and relevant academics with in-depth knowledge of the ethical considerations, concepts and applications in clinical and public health research. It is expected that such master's level training will enhance the career development of individuals from developing countries, as well as strengthen and sustain the capacity to support ethical clinical and public health research at their home institutions and countries. Proposed curricula should provide a core set of masters level study courses that primarily focus on the internationally relevant aspects of ethical, legal and moral principles guiding the responsible conduct of research. Proposed masters level curriculum may be delivered by interactive distance learning technology, if appropriate and sustainable for the developing country individuals and institutions involved. Educational activities should include practicum experiences, such as participation in ethical review committees, development of research ethics education/training courses for researchers and ethical review committee members at their home institutions, analysis of ethical review guidelines or processes and research on ethical practices in biomedical or behavioral research in the participants’ countries. Letters of intent are due by April 10, 2012. Grant applications are due by May 10, 2012. Click here for more information.

NIMH: Grand Challenges in Global Mental Health: Integrating Mental Health into Chronic Disease Care in Low- and Middle-Income Countries (R01)
RFA-MH-13-040
Application Submission Date: June 20, 2012
This Funding Opportunity Announcement (FOA), issued by the National Institute of Mental Health (NIMH), National Institutes of Health (NIH), seeks research project grant (R01) applications from organizations that propose to establish an evidence base on contextually relevant, cost-effective integrated care interventions for the treatment of patients with co-morbid mental and chronic physical illnesses in low- and middle-income countries (LMICs). This FOA will support research that builds on existing chronic disease care to incorporate management of mental illness, employing a multi-disease care management approach to establish feasible methods in LMICs. The grant supports Grand Challenge Mental Health Integration Projects (GCMHIP) that will conduct research to: (1) develop or optimize components of integrated care models with potentially high impact for improving patient- and system-level outcomes; (2) test the effectiveness of integrated care in LMICs; (3) determine how integrated care compares with usual care; and (4) test the feasibility of scale-up and implementation of existing effective interventions. Proposed research must focus on at least one mental illness and one or more chronic diseases or conditions in less specialized health care platforms. The grant requires projects to work through partnerships with at least one global health program, research, center, or network, as well as representatives from an LMIC health-related government agency and an LMIC organization with access to service provider and user viewpoints. The goal of this initiative is to contribute to the collaborative research on mental health in LMICs within the NIMH to maximize the impact on global public health. Letters of intent are due by May 20, 2012. Grant applications are due by June 20, 2012. Click here for more information.

USAID: Saving Lives at Birth: A Grand Challenge
RFA-OAA-12-000005
Application Submission Date: April 2, 2012
The US Agency for International Development (USAID), the Government of Norway, the Bill & Melinda Gates Foundation, Grand Challenges Canada, and the UK’s Department for International Development invite applications to Saving Lives at Birth: A Grand Challenge for Development. Applications should address one or more of the following: (1) advances in
science and technology that prevent, detect or treat maternal and newborn problems, prior to conception, during the antenatal period, at the time of birth and in the early postnatal period in the home, community or in peripheral health facilities; (2) new approaches to providing high-quality labor and delivery services and pre and postnatal care; and (3) bold ideas for empowering reproductive-age women, their families and communities. The Saving Lives at Birth partnership is looking for ideas that reduce barriers to seeking, accessing, and receiving evidence-based care. Such barriers include economic, social, and political factors, such as poverty, gender inequality, and limited education. Examples may include innovations that empower women and/or confront cultural and social norms that limit women's decision-making autonomy; innovative use of social networks, interpersonal communications and other new methods to provide/reach families with culturally relevant and gender sensitive information; mechanisms to incentivize individuals to seek care and/or adopt healthy behaviors and to negotiate for improved practices, including novel financing mechanisms to reduce costs or target scarce resources at those unable to pay; and mass communication methods that can help target individual and collective behavior to improve the uptake of care around the time of birth. The Saving Lives at Birth partnership is particularly interested in investing in approaches that incorporate the latest scientific, technological, behavior change, and information and communication advances into radical solutions. Grant applications are due by April 2, 2012. Click here for more information.

**LANGUAGE DEVELOPMENT**

**ACF: Native American Language Preservation and Maintenance**

**HHS-2011-ACF-ANA-NL-0139**

**Application Submission Date: January 31, 2013**

The Administration for Children and Families (ACF), Administration for Native Americans (ANA) announces the availability of funds for community-based projects for the Native American Language Preservation and Maintenance program. The purpose of ANA grant funding is to promote economic and social self-sufficiency for American Indians, Alaska Natives, Native Hawaiians, and other Native American Pacific Islanders from American Samoa, Guam, and the Commonwealth of the Northern Mariana Islands. The Native American Language Preservation and Maintenance program provides funding for projects to support assessments of the status of the Native American languages in an established community, as well as the planning, designing, and implementing of Native American language curriculum and education projects to support a community's language preservation goals. ANA has identified the following program areas of interest and project types for this Funding Opportunity Announcement: (1) Collecting, compiling, analyzing, and organizing data in order to have a current description of the community's Native American language status; (2) Facilitating and encouraging intergenerational teaching of Native American language skills; (3) Planning and implementing an immersion, master/apprentice, or distance learning model; (4) Training and certifying teachers, interpreters, or translators in a Native American language; (5) Developing, printing, and disseminating materials to be used for the teaching and enhancement of a Native American language; (6) Producing, distributing, or participating in television, radio, or other media forms to broadcast Native American languages; and (7) Compiling, transcribing, and analyzing oral testimony to create resources that support the preservation of Native American languages. Grant applications are due by January 31, 2013. Click here for more information.

**NSF: Linguistics**

**PD-98-1311**

**Application Submission Date: January 15 and July 15 annually**

The Linguistics Program at the National Science Foundation (NSF) supports all types of scientific research that focuses on human language as an object of investigation. The program supports research on the syntactic, semantic, morphological, phonetic, and phonological properties of individual languages and of language in general. It also encourages investigation of linguistic questions that are interdisciplinary in nature: the psychological processes involved in the production, perception, and comprehension of language; the development of linguistic capacities in children; social and cultural factors in language use, variation, and change; the acoustics and physiology of speech; computational approaches to the study of language; and the biological bases of language in the brain. Under the Linguistics program, NSF has previously funded research proposals on the effects of early exposure and language dominance on bilingualism, infants learning English and Mandarin, and the amount of input needed for language learning. Click here for more information.

**MENTAL HEALTH AND ILLNESS**

**NIMH: Grand Challenges in Global Mental Health: Integrating Mental Health into Chronic Disease Care in Low- and Middle-Income Countries (R01)**
This Funding Opportunity Announcement (FOA), issued by the National Institute of Mental Health (NIMH), National Institutes of Health (NIH), seeks research project grant (R01) applications from organizations that propose to establish an evidence base on contextually relevant, cost-effective integrated care interventions for the treatment of patients with co-morbid mental and chronic physical illnesses in low- and middle-income countries (LMICs). This FOA will support research that builds on existing chronic disease care to incorporate management of mental illness, employing a multi-disease care management approach to establish feasible methods in LMICs. The grant supports Grand Challenge Mental Health Integration Projects (GCMHIP) that will conduct research to: (1) develop or optimize components of integrated care models with potentially high impact for improving patient- and system-level outcomes; (2) test the effectiveness of integrated care in LMICs; (3) determine how integrated care compares with usual care; and (4) test the feasibility of scale-up and implementation of existing effective interventions. Proposed research must focus on at least one mental illness and one or more chronic diseases or conditions in less specialized health care platforms. The grant requires projects to work through partnerships with at least one global health program, research, center, or network, as well as representatives from an LMIC health-related government agency and an LMIC organization with access to service provider and user viewpoints. The goal of this initiative is to contribute to the collaborative research on mental health in LMICs within the NIMH to maximize the impact on global public health. Letters of intent are due by May 20, 2012. Grant applications are due by June 20, 2012. Click here for more information.

NIMH: Mental Health Research Dissertation Grant to Increase Diversity (R36)
PAR-12-103
Application Submission Date: April 23, 2012
The goal of this Funding Opportunity Announcement (FOA), issued by the National Institute of Mental Health (NIMH), is to increase the diversity of the mental health research workforce by providing awards to support the completion of the doctoral research project and dissertation for individuals from diverse backgrounds underrepresented in mental health research. The Mental Health Dissertation Research Grant to Increase Diversity allows for budget requests to cover full-time salary support and modest research funds for up to two years, but no less than 12 months, for eligible students to facilitate completion of their doctoral research project and dissertation in a research area relevant to the NIMH mission and strategic research priorities (http://www.nimh.nih.gov/research-funding/research-priorities/nimh-strategic-research-priorities.shtml). These awards are available to predoctoral students who are enrolled in good standing at accredited domestic or foreign institutions and who have an approved dissertation proposal at the time of the award. Applicants must have the goal of becoming successful researchers in areas of biomedical or behavioral science relevant to the mission of the NIMH. Grant applications are due by April 23, 2012. Click here for more information.

NIMH: Translational Research for the Development of Novel Interventions for Mental Disorders (R21/R33)
PAR-11-177
Application Submission Date: June 16, 2012
The National Institute of Mental Health (NIMH) invites exploratory grant applications to speed the translation of emerging findings on the neuroscience of mental disorders into novel intervention approaches that will ultimately reduce symptoms and/or restore function. This funding opportunity announcement (FOA) provides support for up to two years (R21 phase) for preliminary, proof-of-principle studies in human participants, followed by up to 3 years of support (R33 phase) for pilot studies to assess the implementation of the intervention, and evaluate the feasibility of conducting a larger trial to assess the efficacy of the intervention. A range of non-pharmacologic treatment approaches will be accepted, including those based on neurophysiological, cognitive, affective, and/or social neuroscience models, basic behavioral science, and neurodevelopmental models. Applications submitted in response to this FOA must involve novel treatment targets, and/or novel and highly innovative approaches to engage and modify known targets. Grant applications are due by June 16, 2012. Click here for more information.

METHODOLOGY AND MEASUREMENT

NIDA: Cutting-Edge Basic Research Awards (CEBRA) (R21)
PAR-12-086
Application Submission Date: August 20, 2012
The National Institute on Drug Abuse (NIDA) invites applications for Cutting-Edge Basic Research Awards (CEBRA) to foster highly innovative or conceptually creative research that advances our understanding of drug abuse and addiction and how to prevent and treat them. The CEBRA program will support high-risk, high impact research projects that either: (1) tests a highly novel and significant hypothesis for which there are scant precedent or preliminary data and which, if confirmed, would have a substantial impact on current thinking; or (2) develops or adapts innovative techniques or
methods for addiction research, or of potential future use in addiction research. It is not intended for incremental research or research extending ongoing programs. It is aimed at both: (1) drug abuse research investigators who wish to develop or adapt new methods or techniques, or to test novel hypotheses; and (2) investigators with expertise in fields other than drug abuse who wish to establish innovative programs in drug abuse or develop new approaches or technologies that will advance drug abuse and related research. The R21 mechanism allows support for projects in the early, first stages of development where there are little or no preliminary data available, but which have a strong rationale and conceptual framework. The CEBRA R21 program is not intended for large-scale undertakings or to support or supplement ongoing research. Applications submitted under this mechanism should be exploratory and novel and describe projects distinct from those supported through the traditional R01 mechanism. The research proposed in a CEBRA application should break new ground or extend previous discoveries toward new directions or applications. Grant applications are due by August 20, 2012. Click here for more information.

NIH: Obesity Policy Research: Evaluation and Measures
PA-10-027 (R01); PA-10-028 (R21); PA-10-029 (R03)
Application Submission Dates: June 5, 2012 (R01); June 16, 2012 (R03 and R21)
Several Institutes at the NIH, including the Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD) and the Office of Behavioral and Social Sciences Research (OBSSR) invite applications that propose to: (1) conduct evaluation research on obesity-related “natural experiments” (defined here as community and other population-level public policy interventions that may affect diet and physical activity behavior), and/or (2) develop and/or validate relevant community-level measures (instruments and methodologies to assess the food and physical activity environments at the community level). The overarching goal of this funding opportunity announcement (FOA) is to inform public policy and research relevant to (1) diet and physical activity behavior, and (2) weight and health outcomes of Americans. Grant applications are due by June 5, 2012 (R01); June 16, 2012 (R03 and R21). Additional information is available online for each grant: R01, R21, and R03.

NIH: Predictive Multiscale Models for Biomedical, Biological, Behavioral, Environmental and Clinical Research (Interagency U01)
PAR-11-203
Application Submission Deadline: June 5, 2012
Several Institutes at the NIH, including the Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD) and the Office of Behavioral and Social Sciences Research (OBSSR), invite applications from institutions/organizations to support the development of multiscale models to accelerate biological, biomedical, behavioral, environmental, and clinical research. This funding opportunity announcement (FOA) encourages the development of new, non-standard modeling methods and experimental approaches to facilitate multiscale modeling. The ultimate goal of the models would be to make realistic scientific predictions to address problems and issues in the environment; in the human body (e.g., to prevent, diagnose and treat the diseases or aberrations in normal development, and/or to predict treatment outcomes); and among individuals, groups, and within populations. This FOA seeks to achieve its scientific goals by encouraging highly interactive partnerships that strongly integrate truly diverse expertise to further increase the impact of multiscale models in the broader research and policy community. NICHD is interested in predictive multiscale modeling related to a diverse set of research interests, including physiological and pathophysiological function related to the health, productivity, independence, and quality-of-life of people with disabilities, normal and/or abnormal development over time, and health and dynamics of human populations. Letters of intent are due 30 days prior to the application deadline. Grant applications are due by June 5, 2012. Click here for more information.

NIH: Systems Science and Health in the Behavioral and Social Sciences
PAR-11-314 (R01); PAR-11-315 (R21)
Application Submission Date: June 5, 2012 (R01); June 16, 2012 (R21)
Several Institutes at the NIH, including the Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD), invite applications that propose to develop basic and applied projects utilizing systems science methodologies relevant to human behavioral and social sciences and health. “Systems science methodologies” is an umbrella term to refer to a variety of such methodologies including (but not limited to), agent-based modeling, microsimulation, system dynamics modeling, network analysis, discrete event analysis, Markov modeling, many operations research and engineering methods, and a variety of other modeling and simulation approaches. Specific topics that would be appropriate to this funding opportunity announcement (FOA) and of interest to the NICHD include, but are not limited to, projects that utilize systems science methodologies to: (1) Understand child, maternal, and population health from an ecological perspective; Of particular interest is research on vulnerable populations including children, the socioeconomically disadvantaged, and racial and ethnic minorities at high risk of obesity and other chronic diseases; (2) Model developmental issues over the life course; (3) Model the ways in which families may influence the health trajectories of their children, including biological and familial selection effects; clarify the reciprocal relationship between families (e.g., parental choices and behaviors, parenting styles) and child health outcomes to inform policy/program
decisions; (4) Address policy resistant problems such as the connections between sexually transmitted diseases and/or chronic disease risk factors within individuals and communities, and the trajectories of development of these diseases over time; and (5) Examine issues related to health and the environment. Letters of intent are due 30 days prior to the application deadline. Grant applications are due by June 5, 2012 (R01) and June 16, 2012 (R21). More information is available online for each grant: R01 and R21.

NSF: Building Community and Capacity for Data-Intensive Research in the Social, Behavioral, and Economic Sciences and in Education and Human Resources
NSF 12-538
Application Submission Date: May 22, 2012
As part of the National Science Foundation's (NSF) Cyberinfrastructure Framework for 21st Century Science and Engineering (CIF21) activity, the Directorate for Social, Behavioral, and Economic Sciences (SBE), the Directorate for Education and Human Resources (EHR), and the Office of Cyberinfrastructure seek to enable research communities to develop visions, teams, and capabilities dedicated to creating new, large-scale, next-generation data resources and relevant analytic techniques to advance fundamental research for the SBE and EHR sciences. Workshop proposals, two or three-year Research Coordination Network proposals, and regular unsolicited proposals are all appropriate mechanisms for achieving these capacity-building goals. Submitted proposals should focus on the development of communities and infrastructure within which identified research may effectively proceed rather than the conduct of research itself. Successful proposals will outline activities that will have significant impacts across multiple fields by enabling new types of data-intensive research. Investigators should think broadly and create a vision that extends intellectually across multiple disciplines and that includes--but is not limited to--the SBE or EHR sciences. Grant applications are due by May 22, 2012. Click here for more information.

NSF: Methodology, Measurement, and Statistics
NSF 08-561
Application Submission Date: January 16 and August 16 annually
The Methodology, Measurement, and Statistics (MMS) Program is an interdisciplinary program in the Social, Behavioral, and Economic Sciences that supports the development of innovative analytical and statistical methods and models for those sciences. MMS seeks proposals that are methodologically innovative, grounded in theory, and have potential utility for multiple fields within the social and behavioral sciences. As part of its larger portfolio, the MMS Program partners with a consortium of federal statistical agencies to support research proposals that further the development of new and innovative approaches to surveys and to the analysis of survey data. The MMS Program supports a variety of different types of awards, including: Regular Research Awards; Mid-Career Research Fellowships; Doctoral Dissertation Research Improvement Grants; and Research Experience for Undergraduates (REU) Supplements. Click here for more information.

POLICY

NIAAA/OBSSR: Research on Alcohol-Related Public Policies such as Those Detailed in the Alcohol Policy Information System
PA-11-087 (R01); PA-11-088 (R03); PA-11-089 (R21)
Application Submission Date: June 5, 2012 (R01); June 16, 2012 (R03 &R21)
The National Institute on Alcohol Abuse and Alcoholism (NIAAA) and the Office of Behavioral and Social Sciences Research (OBSSR) invite applications to conduct research on the effects of alcohol-related public policies on health, economic, and social behaviors and outcomes. The purpose of the funding opportunity announcement (FOA) is to advance understanding of public policy pertaining to alcohol as a tool for improving public health and welfare. The NIAAA has developed the Alcohol Policy Information System (APIS) as a resource for researchers conducting studies in this area. APIS provides detailed coverage, including exact effective dates and legal citations, for 35 specific policy topics in 8 categories including Underage Drinking and Pregnancy and Alcohol. Studies that make use of the information available through APIS are particularly encouraged. This FOA also encourages applicants to consider using a systems science approach to the study of alcohol-related policy. Systems science methodologies (i.e., systems-based simulation modeling methods) such as agent-based, network, or system dynamics modeling are well-suited to examining the complexities of real world phenomena such as alcohol-related policy. Grant applications are due by June 5, 2012 (R01); June 16, 2012 (R03 &R21). Additional information is available online for each grant: R01, R03, and R21.

NIMHD: Social, Behavioral, Health Services, and Policy Research on Minority Health and Health Disparities (R01)
RFA-MD-12-003
Application Submission Date: June 4, 2012
The purpose of this Funding Opportunity Announcement (FOA), issued by the National Institute on Minority Health and Health Disparities (NIMHD), is to solicit innovative social, behavioral, health services, and policy research that can directly
and demonstrably contribute to the elimination of health disparities. Projects may involve primary data collection or secondary analysis of existing datasets. Projects that examine understudied health conditions; examine the effectiveness of interventions, services, or policies for multiple health disparity populations; and/or directly measure the impact of project activities on levels of health disparities are particularly encouraged. Research topics include, but are not limited to: social, behavioral, cultural, or environmental risk and protective factors related to the development of health conditions; the impact of racism, discrimination, and segregation on health and health behavior and strategies to ameliorate these effects; preventive or health improvement interventions at the individual, family, neighborhood, or community level; and Implementation and/or analysis of local, state, or national health policies that increase or reduce health disparities, such as those related to insurance coverage or reimbursement, organization of government-run or -funded healthcare services, or regulation of environmental hazards. Letters of intent are due by May 4, 2012. Grant applications are due by June 4, 2012. Click here for more information.

**NSF: Communicating Research to Public Audiences**
**NSF 03-509**
**Application Submission Deadline: Full Proposal accepted at any time**
Discovery Communicating Research to Public Audiences is a component of the Informal Science Education program (ISE) in the Division of Elementary, Secondary, and Informal Education at the National Science Foundation (NSF). ISE projects provide rich and stimulating contexts and experiences for individuals of all ages, interests, and backgrounds to increase their appreciation for, and understanding of, science, technology, engineering, and mathematics (STEM) in out-of-school settings. Requests for up to $75,000 will be considered to support projects that communicate to public audiences the process and results of current research that is being supported by any NSF directorate through informal science education activities, such as media presentations, exhibits, or youth-based activities. The purpose of these efforts is to disseminate research results, research in progress, or research methods. Click here for more information.

**NSF: Science of Science and Innovation Policy**
**Catalog of Federal Domestic Assistance (CFDA) Number: 47.075**
**Application due date: September 9, 2012**
The National Science Foundation’s (NSF) Science of Science and Innovation Policy (SciSIP) program supports research designed to advance the scientific basis of science and innovation policy. Research funded by the program develops, improves, and expands models, analytical tools, data, and metrics that can be applied in the science policy decision making process. Example research topics include: (1) examinations of the ways in which the contexts, structures and processes of science and engineering research are affected by policy decision; (2) the evaluation of the tangible and intangible returns from investments in science and from investments in research and development; (3) the study of structures and processes that facilitate the development of usable knowledge, (4) theories of creative processes and their transformation into social and economic outcomes; and (5) the collection, analysis and visualization of new data describing the scientific and engineering enterprise. The program welcomes proposals for individual or multi-investigator research projects, doctoral dissertation improvement awards, conferences, workshops, symposia, experimental research, data collection and dissemination, computer equipment and other instrumentation, and research experience for undergraduates. The SciSIP program invites the participation of researchers from all of the social, behavioral and economic sciences. Proposals are due on September 9, 2012. Click here for more information.

**SAMHSA: Sober Truth on Preventing Underage Drinking Act Grants**
**SP-12-003**
**Application Submission Date: March 29, 2012**
The Substance Abuse and Mental Health Services Administration (SAMHSA), Center for Substance Abuse Prevention (CSAP) is accepting applications for fiscal year (FY) 2012 Sober Truth on Preventing Underage Drinking Act (STOP Act) grants. The purpose of this program is to prevent and reduce alcohol use among youth age 12-20 in communities throughout the United States. The STOP Act program was created to strengthen collaboration among communities, the Federal Government, and State, local and tribal governments; to enhance intergovernmental cooperation and coordination on the issue of alcohol use among youth; to serve as a catalyst for increased citizen participation and greater collaboration among all sectors and organizations of a community that first demonstrates a long-term commitment to reducing alcohol use among youth; to disseminate to communities timely information regarding state-of-the-art practices and initiatives that have proven to be effective in preventing and reducing alcohol use among youth; and to enhance, not supplant, effective local community initiatives for preventing and reducing alcohol use among youth. The statutory authority for this program limits eligibility to domestic public and private nonprofit entities that are current or former Drug-Free Communities Program (DFC) grantees. STOP Act grant funds must focus primarily on strengthening collaboration among community entities to reduce alcohol use among youth in current and former DFC grantee communities. Grant applications are due by March 29, 2012. Click here for more information.
POVERTY

ACF: Assets for Independence Demonstration Program
HHS-2011-ACF-OCS-EI-0137
Application Submission Date: March 26, 2012
The Administration for Children and Families (ACF), Department of Health and Human Services (HHS), requests applications for grants to administer projects for the national Assets for Independence (AFI) demonstration of Individual Development Accounts (IDAs) and related services. IDAs are matched savings accounts. The goal of the demonstration is to develop knowledge about the extent to which this approach enables individuals and families with low incomes to become and remain more financially stable over the long term. Grantees use the AFI grants to administer projects that provide IDAs and related services to individuals and families with low incomes. Participants open an IDA and save earned income in the account regularly with the goal of accumulating savings to acquire an economic asset that will appreciate over time. Specifically, participants use their IDA savings to purchase a home, capitalize or expand a business for self-employment, or attend higher education or training. Participants also receive training and other supports such as financial education training and coaching, and guidance on issues including family budgeting, consumer issues, debt and credit counseling, using mainstream financial products, accessing refundable tax credits, and accessing other benefits and services. AFI manages on-going research about the administration of the AFI projects and the impacts of the combination of an IDA and related services. Grant recipients provide information to ACF and its researchers on such topics as project features, participant demographics, services provided, amounts participants save in their IDA, and types of purchases made with IDA savings. Grant applications are due by March 26, 2012. Click here for more information.

HUD: Choice Neighborhoods Demonstration Small Research Grant Program
FR-5600-N-17
Application Submission Date: March 13, 2012
The Department of Housing and Urban Development (HUD) invites applicants to submit proposals for funding to complement HUD’s larger research effort on the Choice Neighborhoods Demonstration. Choice Neighborhoods grants transform distressed neighborhoods and public and assisted projects into viable and sustainable mixed-income neighborhoods by linking housing improvements with appropriate services, schools, public assets, transportation, and access to jobs. A strong emphasis is placed on local community planning for access to high-quality educational opportunities, including early childhood education. HUD will be conducting an evaluation of the Choice Neighborhoods Demonstration which will focus on implementation grants awarded to Boston, Chicago, and New Orleans called the “Choice Baseline Research Project”. The goal of this research program is to fund research related to Choice Neighborhoods that complements the work already being funded by HUD through the Choice Baseline Research Project. Since the Choice Baseline Research Project will focus on implementation grants in Boston, Chicago, and New Orleans, applicants are encouraged to identify research projects in other Choice Neighborhood implementation or planning grant sites. Research projects in Boston, Chicago, and New Orleans will be eligible but the applicant must demonstrate how the proposed research would complement research already planned through the Choice Baseline Research Project. Applicants are encouraged to identify research that will address implementation challenges and provide clear evidence of the impact of Choice Neighborhoods. Grant applications are due by March 13, 2012. Click here for more information.

REPRODUCTIVE HEALTH

NICHD: Educational Programs for Demography and Population Science, Family Planning and Contraception, and Reproductive Research (R25)
PAR-11-292
Application Submission Date: May 25, 2012
The Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD) invites grant applications for educational activities related to Demography and Population Science, Family Planning and Contraception, and Reproductive Research. NICHD encourages applications for interdisciplinary training; methodological training; and training in the use and dissemination and use of existing datasets. The Demographic and Behavioral Sciences Branch is particularly interested in applications that address one or more of the following: (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 changes in these factors. Major areas of focus include fertility, mortality and morbidity, migration, nuptiality, and family demography; (2) Behavioral and social science research on HIV/AIDS and other sexually transmitted diseases and reproductive health; and (3) Research on other scientific areas related to the health and well-being of populations that applies the methods and perspectives of demography and social science, including the use of population
representative samples and methods that address causal inference, such as selectivity, and endogeneity. Letters of intent are due 30 days prior to the grant application deadline. Grant applications are due by May 25, 2012. Click here for more information.

**NICHD: Pregnancy in Women with Disabilities**  
**PAR-11-258 (R01); PAR-11-259 (R21)**  
**Application due date: September 7, 2014**  
The Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD) and the National Institute on Nursing Research (NINR) solicit grant applications from institutions investigating the incidence, course, and outcomes of pregnancy among women with disabilities. Despite strides towards independence and inclusion in society, women with disabilities face substantial barriers to accessing reproductive health care, and mothers with disabilities face substantial obstacles in caring for their infants. This initiative seeks to stimulate research in this understudied area and develop evidence-based interventions and supports to achieve optimal pregnancy outcomes and early parenting experiences. In specific, this grant seeks to optimize outcomes for women with physical, intellectual and developmental, and/or sensory disabilities and their families by funding studies that inform preconceptional and antenatal counseling and strategies for addressing barriers to prenatal care, and management of pregnancy, the puerperium, and the transition to parenthood. These barriers may be physical (facilities inaccessible to wheelchairs), cognitive (difficulty understanding complex instructions or written materials), attitudinal (lack of social or medical support of pregnancy), or legal (challenges to parental competence). Click here for more information on R01, and here for more information on R21.

**USAID: Saving Lives at Birth: A Grand Challenge**  
**RFA-QAA-12-000005**  
**Application Submission Date: April 2, 2012**  
The US Agency for International Development (USAID), the Government of Norway, the Bill & Melinda Gates Foundation, Grand Challenges Canada, and the UK’s Department for International Development invite applications to Saving Lives at Birth: A Grand Challenge for Development. Applications should address one or more of the following: (1) advances in science and technology that prevent, detect or treat maternal and newborn problems, prior to conception, during the antenatal period, at the time of birth and in the early postnatal period in the home, community or in peripheral health facilities; (2) new approaches to providing high-quality labor and delivery services and pre and postnatal care; and (3) bold ideas for empowering reproductive-age women, their families and communities. The Saving Lives at Birth partnership is looking for ideas that reduce barriers to seeking, accessing, and receiving evidence-based care. Such barriers include economic, social, and political factors, such as poverty, gender inequality, and limited education. Examples may include innovations that empower women and/or confront cultural and social norms that limit women's decision-making autonomy; innovative use of social networks, interpersonal communications and other new methods to provide/reach families with culturally relevant and gender sensitive information; mechanisms to incentivize individuals to seek care and/or adopt healthy behaviors and to negotiate for improved practices, including novel financing mechanisms to reduce costs or target scarce resources at those unable to pay; and mass communication methods that can help target individual and collective behavior to improve the uptake of care around the time of birth. The Saving Lives at Birth partnership is particularly interested in investing in approaches that incorporate the latest scientific, technological, behavior change, and information and communication advances into radical solutions. Grant applications are due by April 2, 2012. Click here for more information.

**SOCIAL PSYCHOLOGY**

**NSF: Social Psychology**  
**NSF 98-1332**  
**Application Submission Deadline: January 15 annually**  
The Social Psychology Program at NSF supports basic research on human social behavior, including cultural differences and development over the life span. Among the many research topics supported are: attitude formation and change, social cognition, personality processes, interpersonal relations and group processes, the self, emotion, social comparison and social influence, and the psychophysiological and neurophysiological bases of social behavior. The scientific merit of a proposal depends on four important factors: (1) The problems investigated must be theoretically grounded. (2) The research should be based on empirical observation or be subject to empirical validation. (3) The research design must be appropriate to the questions asked. (4) The proposed research must advance basic understanding of social behavior. Grant applications are due by January 15 annually. Click here for more information.
**SOCIODEMICS**

**NSF: Sociology**

**PD-98-1331**

**Application Submission Deadline: August 15, 2012**

The National Science Foundation's (NSF) Sociology Program supports basic research on all forms of human social organization—societies, institutions, groups and demography—and processes of individual and institutional change. The Sociology Program encourages theoretically focused empirical investigations aimed at improving the explanation of fundamental social processes. Included is research on organizations and organizational behavior, population dynamics, social movements, social groups, labor force participation, stratification and mobility, family, social networks, socialization, gender roles, and the sociology of science and technology. The Sociology Program supports both original data collection and secondary data analyses that use the full range of quantitative and qualitative methodological tools. Theoretically grounded projects that offer methodological innovations and improvements for data collection and analysis are also welcomed. Grant applications are due by **August 15, 2012**. Click here for more information.

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**STEM (Science, Technology, Engineering, Mathematics)**

**NIH: Innovative Neuroscience K-12 Education (SBIR [R43/R44])**

**PAR-10-154**

**Application Submission Date: April 4, 2012**

Several Institutes at the NIH, including the *Eunice Kennedy Shriver* National Institute of Child Health and Human Development (NICHD) and the Office of Behavioral and Social Science Research (OBSSR), invite grant applications from small business concerns (SBCs) that propose to develop innovative neuroscience educational tools to be used by or benefit children in kindergarten through 12th grade (K-12). Educational tools can be designed using any media (e.g., paper, electronic, etc.) or format (e.g., simulations, games, videos, notebooks, etc.) for use in or out of school settings, targeting children in groups or alone, with or without adult or teacher participation. Innovative neuroscience educational tools should promote neuroscience knowledge acquisition and application of that knowledge to one's own life, promote an interest in neuroscience learning and careers, and present a positive and realistic representation of the diversity of people who engage in neuroscience-related research and occupations. Educational tools targeted to increase the diversity of students (i.e., Native American, Black, Hispanic, female, disabled, or otherwise underrepresented) pursuing neuroscience learning are especially encouraged. Grant applications are due by **April 4, 2012**. Click here for more information.

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**NSF: Communicating Research to Public Audiences**

**NSF 03-509**

**Application Submission Deadline: Full Proposal accepted at any time**

Discovery Communicating Research to Public Audiences is a component of the Informal Science Education program (ISE) in the Division of Elementary, Secondary, and Informal Education at the National Science Foundation (NSF). ISE projects provide rich and stimulating contexts and experiences for individuals of all ages, interests, and backgrounds to increase their appreciation for, and understanding of, science, technology, engineering, and mathematics (STEM) in out-of-school settings. Requests for up to $75,000 will be considered to support projects that communicate to public audiences the process and results of current research that is being supported by any NSF directorate through informal science education activities, such as media presentations, exhibits, or youth-based activities. The purpose of these efforts is to disseminate research results, research in progress, or research methods. Click here for more information.

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**NSF: Discovery Research K-12 (DRK-12)**

**NSF 11-588**

**Application Due: December 6, 2012**

The National Science Foundation's (NSF) Division of Research on Learning in Formal and Informal Settings (DRL), Directorate of Education and Human Resources (EHR), invites applications for research projects that address immediate challenges facing Science, Technology, Engineering and Mathematics (STEM) education as well as those that anticipate a radically different structure and function of pre-K through 12 teaching and learning. Proposals can be exploratory projects, research and development projects, or conferences and workshops. Projects must apply to one of four identified strands: assessment, learning, teaching, or scale-up/sustainability. In addition, NSF encourages research and development of new STEM learning resources, models, and tools that help students become scientific and engineering problem solvers. Letters of intent are due by **October 4, 2012**. Grant applications are due **December 6, 2012**. Click here for more information.

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**NSF: Historically Black Colleges and Universities - Undergraduate Program**
NSF 12-519
Application Submission Deadline: March 12, 2012
Historically Black Colleges and Universities (HBCUs) have awarded a large share of bachelor's degrees to African American students in science, technology, engineering and mathematics (STEM), and the top ten baccalaureate institutions of African American STEM doctorate recipients from 2002-2006 are HBCUs. To meet the nation's accelerating demands for STEM talent, more rapid gains in achievement, success and degree production in STEM for underrepresented minority populations are needed. The National Science Foundation's (NSF) Historically Black Colleges and Universities Undergraduate Program (HBCU-UP) is committed to enhancing the quality of undergraduate STEM education and research at HBCUs as a means to broaden participation in the nation's STEM workforce. To this end, HBCU-UP provides awards to develop, implement, and study innovative models and approaches for making dramatic improvements in the preparation and success of HBCU undergraduate students so that they may participate successfully in STEM graduate programs and/or careers in STEM disciplines. Support is available for Targeted Infusion Projects, Broadening Participation Research Projects, Research Initiation Awards, Implementation Projects and Achieving Competitive Excellence Implementation Projects, as well as other funding opportunities. Grant applications are due by March 12, 2012. Click here for more information.

NSF: The Integrative Graduate Education and Research Traineeship (IGERT) Program
NSF 11-533
Application Submission Deadline: July 2, 2012
The Integrative Graduate Education and Research Traineeship (IGERT) program solicitation seeks to support new models in graduate education. This solicitation intends to catalyze an institutional change to integrate innovation, education, and training in addition to interdisciplinary research, team work, and professional skills. Proposals submitted to the IGERT program must describe integrative, research-based, graduate education and training activities in emerging areas of science and engineering. Proposals may include research represented in any of the sponsoring directorates or offices listed on the program solicitation masthead, including the Directorate for Social, Behavioral and Economics Sciences and the Directorate for Education and Human Resources. IGERT recognizes that globalization of research and career opportunities require students to acquire an international perspective. This perspective may be gained through programs within the institution, or through strongly integrated, collaborative research experiences and/or fieldwork at foreign institutions and sites. The graduate experience should contribute to the professional and personal development of the students and equip them to understand and integrate scientific, technical, business, social, ethical, policy and global issues to confront the challenging problems of the future. Outreach activities involving K-12 teachers and students to engage and inspire future STEM innovators, and provide teachers with state-of-the-art knowledge emanating from the interdisciplinary themes, are encouraged. In order to contribute to a diverse science and engineering workforce for the future, the IGERT project must include strategies for recruitment, mentoring, and retention aimed at members of groups underrepresented in science and engineering. Letters of intent are due by May 1, 2012. Applications are due by July 1, 2012. Click here for more information.

NSF: Research in Engineering Education
PD 10-1340
Application Submission Deadline: September 14, 2012
The National Science Foundation’s (NSF) Division of Engineering Education and Centers (EEC) seeks proposals for innovative research that will inform a world-leading system of engineering education that is equally available to all members of society and able to adapt to meet the changing needs of society. Applicants are encouraged to explore issues such as alternate pathways to education, the diffusion and impact of research, broader frameworks and contexts, or the process of understanding and discovery. The ideal proposal will be informed by practice and be able to translate its results into practice. The number of awarded proposal is based on a projected average funding level of approximately $100,000 per project per year. Grant applications are due by September 14, 2012. Click here for more information.

NSF: Research on Gender in Science and Engineering
NSF 10-516
Application Submission Date: Fourth Tuesday in March, Annually
The Research on Gender in Science and Engineering program at the National Science Foundation (NSF) supports efforts to understand and address gender-based differences in science, technology, engineering, and mathematics (STEM) education and workforce participation through research, the diffusion of research-based innovations, and extension services in education that will lead to a larger and more diverse domestic science and engineering workforce. Typical projects will contribute to the knowledge base addressing gender-related differences in learning and in the educational experiences that affect student interest, performance, and choice of careers; how pedagogical approaches and teaching styles, curriculum, student services, and institutional culture contribute to causing or closing gender gaps that persist in certain fields. Projects will communicate and apply findings, evaluation results, and proven good practices and products to a wider community. The program continues to seek to broaden the participation of girls and women in all fields of STEM.
education, but also considers gender more broadly to include research and diffusion activities focused on men and boys who are underrepresented in STEM fields. Letters of intent are due by the second Wednesday in February, annually. Grant applications are due by the fourth Tuesday in March, annually. Click here for more information.

**NSF: Scholarships in Science, Technology, Engineering, and Mathematics**

**NSF 12-529**

**Application Submission Date: August 14, 2012**

The National Science Foundation’s (NSF) Scholarships in Science, Technology, Engineering, and Mathematics (S-STEM) program provides institutions with funds for student scholarships to encourage and enable academically talented students demonstrating financial need to enter the STEM workforce or STEM graduate school following completion of an associate, baccalaureate, or graduate degree in fields of science, technology, engineering, or mathematics. The S-STEM program emphasizes the importance of recruiting students to STEM disciplines, mentoring and supporting students through degree completion, and partnering with employers to facilitate student career placement in the STEM workforce. Participating institutions are expected to support the goals of the S-STEM program including the following: (1) Improved educational opportunities for students; (2) Increased retention of students to degree achievement; (3) Improved student support programs at institutions of higher education; and (4) Increased numbers of well-educated and skilled employees in technical areas of national need. Students to be awarded scholarships must demonstrate academic talent and financial need. S-STEM grants may be made for up to five years and provide individual scholarships of up to $10,000 per year, depending on financial need. Grant applications are due by August 14, 2012. Click here for more information.

**NSF: Science, Technology, Engineering, and Mathematics Talent Expansion Program**

**NSF 11-550**

**Application Submission Date: September 25, 2012**

The National Science Foundation’s (NSF) Science, Technology, Engineering, and Mathematics Talent Expansion Program (STEP) seeks to increase the number of students (U.S. citizens or permanent residents) receiving associate or baccalaureate degrees in established or emerging fields within science, technology, engineering, and mathematics (STEM). Increasing the number of undergraduate students obtaining STEM degrees will provide a workforce that is prepared to ensure a healthy economy, respond to demands for national security, and maintain and elevate the quality of life and standard of living in the United States through technological and scientific advancements. In particular, STEP seeks to fund two types of proposals: (1) Type 1 proposals are solicited that provide for full implementation efforts at academic institutions, and (2) Type 2 proposals are solicited that support educational research projects on associate or baccalaureate degree attainment in STEM. The most competitive proposals are those based on an institutional self-study that has determined when and why students leave STEM majors at the institution or identifies untapped recruitment opportunities and that focuses on changing the situation through appropriate strategies. A project that supports only a targeted cohort of students without including strategies for on-going institutional change is not likely to be competitive. Applications are due by September 25, 2012. Click here for more information.

**NSF: Transforming Undergraduate Education in Science, Technology, Engineering, and Mathematics**

**NSF 10-544**

**Application Submission Date: May 28, 2012 or May 29, 2012**

The National Science Foundation’s (NSF) Transforming Undergraduate Education in Science, Technology, Engineering, and Mathematics (TUES) program seeks to improve the quality of science, technology, engineering, and mathematics (STEM) education for all undergraduate students. This solicitation especially encourages projects that have the potential to transform undergraduate STEM education, for example, by bringing about widespread adoption of classroom practices that embody understanding of how students learn most effectively. Thus transferability and dissemination are critical aspects for projects developing instructional materials and methods and should be considered throughout the project’s lifetime. The program supports efforts to create, adapt, and disseminate new learning materials and teaching strategies to reflect advances both in STEM disciplines and in what is known about teaching and learning. It funds projects that develop faculty expertise, implement educational innovations, assess learning and evaluate innovations, prepare K-12 teachers, or conduct research on STEM teaching and learning. It also supports projects that further the work of the program itself, for example, synthesis and dissemination of findings across the program. The program supports projects representing different stages of development, ranging from small, exploratory investigations to large, comprehensive projects. Grant applications are due on either May 28, 2012 or May 29, 2012 (based on geographical location). Click here for more information, including examples of types of projects that may be funded.

**SUBSTANCE USE AND ABUSE**

**NIAAA: Alcohol Education Projects**

**PAR -11-205**
The National Institute on Alcohol Abuse and Alcoholism (NIAAA) encourages applications from institutions/organizations that propose to investigate the factors that mediate and moderate the impact of alcohol advertising and other alcohol promotions on youth drinking. Of particular interest are the following questions: (1) Is there a direct causal relationship between exposure to various forms of alcohol marketing and alcohol-related attitudes/behaviors among youth? (2) What social and psychological processes or mechanisms might underlie the effects of alcohol advertising and other promotions on youth drinking (e.g., extensive exposure, repetition of ads, discussion of advertisements among peers, etc.)? (3) What variables appear to mediate or moderate these effects (e.g., alcohol expectancies, family history, peer influence)? (4) How do alcohol advertisements influence brain activity, what mediates the responses, and how do such changes in brain function relate to the impact of alcohol advertisements on drinking; and (5) Are there differences in the influence of specific forms of alcohol advertisements and promotions (e.g., traditional versus Internet-based) on brain and psychological functioning and, if so, how might these differences influence the impact of advertising on youth drinking? Grant applications are due by June 5, 2012. Click here for more information.

The National Institute on Alcohol Abuse and Alcoholism (NIAAA) invites applications to support research on various topics in the field of alcohol treatment and services for alcohol use disorders. The scope of interest is wide-ranging. It includes pharmacologic and behavioral treatments; recovery strategies; interventions for alcohol-induced tissue damage; and the organizational, financial, management, and environmental factors that facilitate or inhibit the delivery of evidence-based services for alcohol use disorders. Research objectives of this Funding Opportunity Announcement (FOA) include, but are not limited to, research within the following four broad research domains: (1) medications development for the treatment of alcohol use disorders and alcohol-induced tissue damage; (2) behavioral therapies and mechanisms of behavioral change; (3) health services research; and (4) recovery research. Cutting across these domains, NIAAA encourages treatment and health services-related studies on a number of special emphasis populations and topics including: (a) psychiatric/substance abuse/medical comorbidity, (b) adolescents, (c) fetal alcohol spectrum disorders, (d) health disparities/special populations, and (e) use of novel methods and technologies. Grant applications are due by June 5, 2012 (R01); June 16, 2012 (R03 & R21). Additional information is available online for each grant: R01, R03, and R21.

The purpose of this Funding Opportunity Announcement (FOA) is to promote research to study: 1) how
chronic and acute alcohol consumption affect behavioral regulation processes at the epigenetic, cellular, systems (neurocircuitry) and behavioral level; 2) how these effects lead to propensity to develop alcohol dependence; and 3) the influence of genetic and environmental factors on behavioral regulation processes contributing to risk for alcoholism. Grant applications are due by June 5 (R01) and June 16 (R21). Additional information is available online for each grant: R01, R21.

NIAAA: Clinically Relevant Comparative Effectiveness of Alcoholism Treatments (R01)
PAS-10-273
Application Submission Date: June 5, 2012
This Funding Opportunity Announcement (FOA), issued by the National Institute on Alcohol Abuse and Alcoholism (NIAAA), encourages grant applications from institutions/organizations that propose to support research on the comparative effectiveness in typical clinical settings of pharmacologic and behavioral treatments for alcohol use disorders given patient characteristics, and the organizational, financial, and management factors that facilitate or inhibit the delivery of evidence-based services for alcohol use disorders. The overall goal is to inform clinical decision-making that will enhance treatment outcomes and reduce harms associated with interventions for alcohol use disorders. Grant applications are due by June 5, 2012. Click here for more information.

NIAAA: Effects of Adolescent Binge Drinking on Brain Development
PA-12-027 (R01); PA-12-028 (R21)
Application Submission Dates: June 5, 2012 (R01); June 16, 2012 (R21)
The National Institute on Alcohol Abuse and Alcoholism (NIAAA) invites applications proposing to conduct mechanistic studies on the effects of adolescent binge alcohol consumption on synaptic maturation and myelin formation in the developing brain. Alcohol is by far the most widely used intoxicant among adolescents in the U.S. and the incidence of adolescent binge drinking is increasing. Critical developmental processes occurring in the adolescent brain may render it uniquely sensitive to the harmful effects of excessive alcohol consumption; however, the long-term consequences of adolescent binge drinking for maturation of brain structure and function remain poorly understood. Similarly, whether such changes might be permanent, reversible or amenable to treatment has yet to be determined. The objective of this funding opportunity announcement (FOA) is to promote research in animal models on the genetic, molecular and cellular mechanisms underlying the effects of excessive alcohol consumption on specific aspects of adolescent brain development. Studies examining the trajectory of ethanol-related effects from adolescence through adulthood are particularly encouraged. Grant applications are due by June 5, 2012 (R01) and June 16, 2012 (R21). Additional information is available online for each grant: R01 and R21.

NIAAA: International Research Collaboration on Alcohol and Alcoholism (U01)
PAR-11-282
Application Submission Date: June 5, 2012
The National Institute on Alcohol Abuse and Alcoholism (NIAAA) invites applications for the purpose of fostering international collaborations between alcohol research investigators within the U.S. and investigators located at non-U.S. laboratories and performance sites for the mutual advancement of our understanding of alcohol problems and of clinical and public health approaches to their solutions. The program is intended to provide funds for research activities to be undertaken jointly between the U.S. and non-U.S. laboratory that expands the research direction of both the U.S. and non-U.S. laboratories in a collaborative manner. Applications are invited across the full spectrum of alcohol research from basic science to clinical, public health and health services research. Any of a large number of research questions may be addressed under this program, and may involve the use of human subjects, research animal models, statistical modeling, or in vitro approaches. It is the expectation of NIAAA that both the U.S. and non-U.S. investigators will have pre-existing research programs at the time of application and the funds to be provided through this award will be used to enhance, through an active collaboration, the ongoing research efforts in both laboratories. Thereby, funds provided under this announcement will not substitute or replace the support for the on-going research efforts in the respective laboratories, but will be limited to support of new activities within the proposal for collaboration. Resources contributed to the collaborative research effort by each investigator may include contributions of personnel, access to study populations, laboratory, and other research facilities, etc. Letters of intent are due 30 days prior to grant application deadline. Grant applications are due by June 5, 2012. Click here for more information.

NIAAA: Nutrition and Alcohol-Related Health Outcomes
PA-10-239 (R01); PA-10-240 (R03); PA-10-241 (R21)
Application Submission Dates: June 5 (R01); June 16 (R03 & R21)
The National Institute of Alcohol Abuse and Alcoholism (NIAAA), and the National Cancer Institute (NCI) invite applications that examine associations between nutrition and alcohol-related health outcomes in humans and animal models. The goal of this program announcement is to stimulate a broad range of research on the role of nutrition in the development, prevention, and treatment of a variety of alcohol-related health outcomes including alcohol dependence and
psychiatric co-morbidities, chronic and acute diseases, and organ function and damage. Study designs may include biomedical research, epidemiologic approaches, and intervention studies. Grant applications are due by June 5 (R01); June 16 (R03 & R21). Additional information is available online for each grant: R01, R03, and R21.

NIAAA: Research on Alcohol and HIV/AIDS
PA-10-103 (R01); PA-10-104 (R03); PA-10-105 (R21)
Application Submission Dates: June 5, 2012 (R01); June 16, 2012 (R03 & R21)
This Funding Opportunity Announcement (FOA) is intended to appeal to a broad audience of alcohol and HIV/AIDS researchers, including alcohol researchers with no prior experience in HIV/AIDS research, but with a keen appreciation for the relationship between problem drinking and HIV/AIDS and a strong interest in acquiring such experience; HIV/AIDS researchers with no prior alcohol research experience who realize the importance of more intensive alcohol interventions to improving clinical outcomes among HIV+ individuals; and those with prior research experience in the area of co-occurring HIV/AIDS and alcohol and other substance abuse. The primary objectives for this announcement are to increase research: 1) to characterize the relative importance of reducing alcohol misuse in the prevention of acquisition and transmission of HIV in order to identify and apply appropriate alcohol and HIV interventions as public health measures, 2) to more fully understand and prevent the progression of HIV disease in the presence of continued alcohol exposure and 3) to develop operational research frameworks for addressing the occurrence and persistence of infections in high-risk populations (e.g. minority women, young gay men, etc.), and translate findings these targeted populations. Grant applications are due by June 5, 2012 (R01); June 16, 2012 (R03 & R21). Additional information is available online for each grant: R01, R03, and R21.

NIAAA: Screening and Brief Alcohol Interventions in Underage and Young Adult Populations
PA-12-031 (R01); PA-12-030 (R21); PA-12-029 (R03)
Application Submission Dates: June 5, 2012 (R01); June 16, 2012 (R21; R03)
The National Institute on Alcohol Abuse and Alcoholism (NIAAA) invites applications on screening and brief interventions to prevent and/or reduce alcohol use and its adverse consequences. This funding opportunity announcement (FOA) is designed to stimulate a developmentally grounded program of research on screening and brief interventions to prevent and/or reduce underage drinking and hazardous young adult drinking. Research objectives of this FOA include, but are not limited to: (1) testing strategies to improve screening methods for youth with or at high risk for alcohol-related problems; (2) testing the efficacy and effectiveness of novel or modified evidence-based brief prevention interventions to: (a) prevent or delay the initiation of alcohol use, or (b) decrease the risk for the development of alcohol use disorders (AUDs) and associated problems among youth; and (3) examining individual, peer, familial, community, cultural, or other contextual factors (e.g., health care settings) that affect the adoption, implementation, and outcomes of empirically validated screening measures or brief interventions. Studies of racially and ethnically diverse populations in various social and cultural settings are encouraged. Investigations must be especially sensitive to unique human subject issues when conducting research in minors. Grant applications are due by June 5, 2012 (R01) and June 16, 2012 (R21; R03).

Additional information is available online for each grant: R01, R21, and R03.

NIAAA: Secondary Analysis of Existing Alcohol Epidemiology
PA-11-308 (R01); PA-11-309 (R03)
Application Submission Dates: June 5, 2012 (R01); June 16, 2012 (R03)
The National Institute on Alcohol Abuse and Alcoholism (NIAAA) invites applications to support the secondary analysis of existing data sets with the goal of enhancing our understanding of patterns of alcohol consumption and the epidemiology of alcohol-related problems. Research grants are intended to provide support for studies that more fully utilize currently available data sets to increase our understanding of the incidence, prevalence and etiology of alcohol related problems and disorders in the population, as well as the risk and protective factors associated with them. Data used in secondary analyses may be obtained from current or past investigator-initiated research activities or from other public or private sources. Research that employs analytic techniques which demonstrate or promote methodological advances in alcohol-related epidemiologic research is also of interest. Research encouraged by this program announcement includes, but is not limited to: (1) studying patterns of alcohol consumption and the distribution of alcohol-related problems in the population as a whole and in specific sub-populations; (2) studying risk and protective factors for alcohol-related problems in the population as a whole and in specific subpopulations; (3) elucidating disparities among racial/ethnic groups with respect to alcohol consumption and alcohol-related problems; (4) understanding the natural history, course, and short- and long-term outcomes of alcohol consumption; (5) developing analytical methodologies applied to research of alcohol epidemiology; and (6) studying impact of alcohol policies on alcohol use and related conditions. Grant applications are due by June 5, 2012 (R01) and June 16, 2012 (R03). Additional information is available online for each grant: R01 and R03.

NIDA: Accelerating the Pace of Drug Abuse Research Using Existing Epidemiology, Prevention, and Treatment Research Data (R01)
PAR-10-018  
Application Submission Date: June 5, 2012  
The National Institute on Drug Abuse (NIDA) and the National Cancer Institute (NCI) invite applications to support the innovative analysis of existing social science and behavioral data to study the etiology and epidemiology of drug using behaviors (defined as alcohol, tobacco, and other drug), HIV risk behaviors, related disorders, prevention and treatment of these behaviors, and health service utilization including quality, access, and costs.  NIDA and NCI encourage coordinated analyses of substance abuse research data that are in public use or that are privately held by a principal investigator. The Office of Behavioral and Social Sciences Research (OBSSR) joins this funding opportunity announcement (FOA) as part of its effort to promote research on the behavioral and social aspects of health and illness. The NIDA and NCI are particularly interested in innovative analyses of extant data, including new aims that are being addressed with existing data, new or advanced methods of analyses, or novel combination and integration of datasets to allow the exploration of new questions.  Grants under this announcement are not intended as a means to carry out currently ongoing data analysis or for the maintenance and distribution of data sets. Proposed research must be distinct from the aims and methods of the primary research under which the data were collected. Grant applications are due by June 5, 2012. Click here for more information.

NIDA: Cutting-Edge Basic Research Awards (CEBRA) (R21)  
PAR-12-086  
Application Submission Date: August 20, 2012  
The National Institute on Drug Abuse (NIDA) invites applications for Cutting-Edge Basic Research Awards (CEBRA) to foster highly innovative or conceptually creative research that advances our understanding of drug abuse and addiction and how to prevent and treat them. The CEBRA program will support high-risk, high impact research projects that either: (1) tests a highly novel and significant hypothesis for which there are scant precedent or preliminary data and which, if confirmed, would have a substantial impact on current thinking; or (2) develops or adapts innovative techniques or methods for addiction research, or of potential future use in addiction research. It is not intended for incremental research or research extending ongoing programs. It is aimed at both: (1) drug abuse research investigators who wish to develop or adapt new methods or techniques, or to test novel hypotheses; and (2) investigators with expertise in fields other than drug abuse who wish to establish innovative programs in drug abuse or develop new approaches or technologies that will advance drug abuse and related research. The R21 mechanism allows support for projects in the early, first stages of development where there are little or no preliminary data available, but which have a strong rationale and conceptual framework. The CEBRA R21 program is not intended for large-scale undertakings or to support or supplement ongoing research. Applications submitted under this mechanism should be exploratory and novel and describe projects distinct from those supported through the traditional R01 mechanism. The research proposed in a CEBRA application should break new ground or extend previous discoveries toward new directions or applications. Grant applications are due by August 20, 2012. Click here for more information.

NIDA: The Development of Frontal Cortex and Limbic System and Their Roles in Drug Abuse (R01)  
PA -11-027  
Application Submission Date: June 5, 2012  
The National Institute on Drug Abuse (NIDA) invites applications from institutions/organizations that propose to study the development of the frontal and prefrontal cortices, together with the subcortical areas of the limbic system, that play significant roles in mediating emotional and motivated behavior. The proper development of these forebrain and midbrain regions is essential for formation of the neuronal pathways that mediate a number of important functions, including learning and memory, cognition and decision making, the hedonic properties of food and sex, as well as the rewarding properties of drugs of abuse. This initiative is designed to support the basic neuroscience research into the fundamental mechanisms of development of the frontal and prefrontal cortices, as well as the midbrain and basal forebrain structures that mediate a number of functions related to drug abuse and psychiatric disorders including: the euphoric properties of drugs, actions of psychotherapeutic agents, and memory, cognitive and emotional functions. Grant applications are due by June 5, 2012. Click here for additional information.

NIDA: Diversity-promoting Institutions Drug Abuse Research Program (DIDARP) (R24)  
PAR-11-060  
Application Submission Date: September 10, 2012  
The National Institute on Drug Abuse (NIDA) is seeking applications from institutions that serve economically disadvantaged students and communities. Applications should propose to develop or strengthen the drug abuse research infrastructure at the institution and foster the research career development of a diverse cadre of faculty, students and staff who are currently underrepresented in drug abuse research. All capacity development and research activities must address scientific areas related to the mission and priorities of NIDA. Letters of intent are due by August 12, 2012. Grant applications are due by September 10, 2012. Click here for more information.
NIDA: Drug Abuse Aspects of HIV/AIDS
PA-10-129 (R01); PA-10-130 (R21); PA-10-131 (R03)
Application Submission Date: June 5, 2012 (R01); June 16, 2012 (R03; R21)
The National Institute on Drug Abuse (NIDA) invites applications to examine the drug abuse aspects of HIV/AIDS, including research on drug-related risk behaviors, addiction and HIV disease, and drug use/HIV-related comorbidities and consequences. Proposals are needed to identify and predict changes in the epidemiology of HIV/AIDS among injection and non-injection drug users and among their sexual partners, to develop and test primary and secondary drug abuse and HIV prevention and treatment interventions, to improve HIV testing, counseling, and treatment services for those living with HIV/AIDS, and to address basic mechanisms involved in HIV infection and AIDS pathogenesis in the context of drug abuse and addiction. Grant applications are due by June 5, 2012 (R01); June 16, 2012 (R03; R21). Additional information is available online for each grant: R01, R21, and R03.

NIDA: Drug Abuse Dissertation Research: Epidemiology, Prevention, Treatment, Services, and/or Women and Sex/Gender Differences (R36)
PAR-10-020
Application Submission Date: June 16, 2012
The National Institute on Drug Abuse (NIDA) announces the availability of NIH Dissertation Award grants (R36) to support drug abuse doctoral dissertation research in epidemiology, prevention, treatment, services, and/or women and sex/gender differences, areas in which there is a significant need for new investigators. Grant support is designed to encourage doctoral candidates from a variety of academic disciplines and programs to conduct research in these areas of interest to NIDA. It is hoped that this program will ultimately facilitate the entry of promising new investigators into the field of drug abuse research. Special attention will be given to recruiting individuals from racial or ethnic groups underrepresented in the biomedical and behavioral sciences. Grant applications are due by June 16, 2012. Click here for more information.

NIDA: Epidemiology of Drug Use
PA-11-230 (R01); PA-11-231 (R21); PA-11-232 (R03)
Application Submission Dates: June 5, 2012 (R01); June 16, 2012 (R21 & R03)
This Funding Opportunity Announcement (FOA) issued by the National Institute on Drug Abuse (NIDA), National Institutes of Health (NIH) is intended to support research projects to enhance our understanding of the nature, extent, distribution, etiology, and consequences of drug use, abuse, and addiction across individuals, families, communities, and diverse population groups. “Drug” use refers to use of tobacco, alcohol, marijuana, prescription and illicit drugs, emerging addictive substances, and poly drug use. The goal of NIDA’s Epidemiology Research Program is to encourage creative and innovative approaches to studying drug abuse resulting in high public health impact. This Program supports a broad portfolio of research that examines the continually changing patterns of drug use, associated factors, and consequences in populations, including, but not limited to, studies that examine: (1) Individual and environmental factors associated with drug use; (2) interactions that exacerbate or mitigate risk for drug use, abuse, addiction, desistance, and relapse; (3) co-occurring behaviors and associated problems; (4) indicators of risk, vulnerability, and health disparities among and between subpopulations; (5) developmental and life course trajectories related to the etiology of drug use; (6) the need for drug abuse prevention and treatment services, and the social and organizational factors that influence intervention development, availability, and effectiveness. This Program strongly encourages proposals that address multiple levels of causation, reflecting the breadth of epidemiology research, that are transdisciplinary in nature and apply novel methods that allow for the advancement of science (e.g. those that investigate interplay among genetic, environmental, and developmental factors, or those that examine how aspects of social environments affect health outcomes), as well as those that take advantage of the investments made by NIH and other funders by using existing data to inform our understanding of drug abuse epidemiology and etiology in a creative and cost efficient manner. Grant applications are due by June 5, 2012 (R01); June 16, 2012 (R21 & R03). Additional information is available online for each grant: R01, R21, and R03.

NIDA: HIV/AIDS, Drug Use, and Vulnerable Populations in the US
PA-09-236 (R01); PA-09-237 (R21)
Application Submission Dates: June 5 (R01); June 16 (R21)
The National Institute on Drug Abuse are seeking research proposals to identify the role(s) that drug abuse plays in fueling the HIV/AIDS epidemic in vulnerable groups (racial/ethnic minorities, men who have sex with men, youth) in the United States and to develop effective interventions to prevent new infections and to improve the health and well-being of those living with HIV/AIDS. It is essential to understand the factors (biological, behavioral, psychosocial, environmental, institutional, etc.) responsible for the profoundly disproportionate burden of HIV/AIDS among vulnerable groups. This funding opportunity announcement (FOA will) support studies to: 1) understand the contribution of drug abuse (both injection and non-injection) to the acquisition and/or transmission of HIV; 2) study disease progression and disease outcomes; 3) develop and/or improve prevention and treatment interventions; 4) address organizational, structural, and/or
community level factors including social, drug-using, and sexual networks. Grant applications are due by June 5 (R01); June 16 (R21). Additional information is available online for each grant: R01 and R21.

NIDA: International Research Collaboration on Drug Abuse and Addiction
PA-12-040 (R01); PA-12-041 (R21); PA-12-042 (R03)
Applications Submission Dates: June 5, 2012 (R01); June 16, 2012 (R21; R03)
The National Institute on Drug Abuse (NIDA) invites applications for international collaborative research on drug abuse and drug addiction. Projects should seek to: 1) take advantage of unique opportunities to advance scientific knowledge through research; 2) address the global impact of addiction on public health through activities that build research capacity internationally; or 3) effectively disseminate and share the knowledge gained through NIDA-supported research to scientists, treatment providers, and policy makers around the world. Current priority areas include: linkages between HIV/AIDS and drug abuse, and prevention, initiation, and treatment of nicotine and tobacco use (especially among vulnerable populations such as children, adolescents, pregnant women, and those with co-morbid disorders). Grant applications are due by June 5, 2012 (R01); June 16, 2012 (R21; R03). Additional information is available online for each grant: R01, R03, and R21.

NIDA: Mechanism for Time-Sensitive Drug Abuse Research (R01)
PAR-10-072
Application Submission Date: June 8, 2012
This funding opportunity announcement (FOA), issued by the National Institute on Drug Abuse (NIDA), is intended to support substance abuse prevention and treatment services research in rapidly evolving areas (e.g., changes in service systems, health care financing, policy, natural/man-made disasters, etc) where opportunities for empirical study are, by their very nature, only available through expedited review and award of support. There are three distinguishing features of an eligible study: 1) the study's scientific value and feasibility are clear, 2) rapid review and funding are required in order for the scientific question to be answered, and 3) the knowledge gained from the study is time-sensitive and seeking funding through the regular NIH cycle of review and award would result in a missed opportunity to conduct the research. It should be clear that the research question offers an uncommon and scientifically significant research opportunity that could only become available if the project is initiated with minimum delay. Letters of intent are due 4 weeks prior to planned submission date. Grant applications are due on June 8, 2012. Click here for more information.

NIDA: Neuroscience Research on Drug Abuse
PA-10-268 (R01); PA-10-270 (R03); PA-10-269 (R21)
Application Submission Date: June 5, 2012 (R01); June 16, 2012 (R03 & R21)
This funding opportunity announcement (FOA), issued by the National Institute on Drug Abuse (NIDA), invites research grant applications that are relevant to the understanding of the process(es) and mechanisms underlying drug abuse and addiction. This FOA encourages basic neurobiological studies in model systems as well as studies in normal humans and clinical populations. The topic of study may range from that of a single protein or gene, to that of the entire organism. The level of analysis may be at one or more levels, and studies that incorporate changes over time across multiple scales (e.g., gene to behavior) are sought. Multi- and inter-disciplinary translational studies are especially encouraged. Studies should include sex-based hypotheses and research aims when appropriate. NIDA is especially interested in discerning the genetic basis of vulnerability to addiction, preventing addiction, and developing effective medications or behavioral treatments for treating addiction. Grant applications are due by June 5, 2012 (R01); June 16, 2012 (R03 & R21). Additional information is available online for each grant: R01, R03, and R21.

NIDA: Program Project Grant Applications (P01)
PAR-10-244
Applications Submission Date: May 25, 2012
The National Institute on Drug Abuse (NIDA) is seeking applications from institutions and organizations that propose broad-based investigative efforts to address critical issues in drug abuse and addiction including neuroscience, behavior, prevention, treatment, epidemiology, etiology, health services, HIV/AIDS, or other drug abuse-related areas. Applications should include evidence that a program project grant is essential for the accomplishment of the research activities. The size and duration of the grants awarded will vary, although there is a five-year limit on the duration of the project. Grant applications are due May 25, 2012. Click here for more information.

NIDA/NIAAA: Behavioral & Integrative Treatment Development Program
PA-10-011 (R03); PA-10-012 (R01); PA-10-013 (R34)
Application Submission Deadline: June 5, 2012 (R01); June 16, 2012 (R03; R34)
The National Institute on Drug Abuse (NIDA) and the National Institute on Alcohol Abuse and Alcoholism (NIAAA) are seeking research grant applications on the development and testing of behavioral and integrative treatments for drug and alcohol abuse and dependence. This funding opportunity will support the following stages of treatment: (Stage I) research
on the development, manualization, refinement, improvement, adaptation, and pilot testing of behavioral and integrative
treatment, HIV prevention, and therapist training interventions; (Stage II) larger-scale clinical trials or dose-response
studies of piloted interventions that show promise; and (Stage III) research aimed at ensuring that evidence-based
interventions retain their effects in community settings (e.g., ERs, primary care, criminal justice settings, etc.). Research
on the treatment of any drug of abuse, including illicit drugs, prescription medications, nicotine, alcohol and multiple drugs
is encouraged. In addition, integrated treatments for populations with substance use disorder(s) and co-occurring medical
and/or psychiatric condition(s) is of interest. Grant applications are due by June 5, 2012 (R01); June 16, 2012 (R03; R34).
Additional information is available online for each grant: R03, R01, and R34.

NIDA/NIAAA: Substance Use and Abuse, Risky Decision Making and HIV/AIDS
PA-11-006 (R01); PA-11-007 (R21); PA-11-008 (R03)
Application Submission Dates: June 5 (R01); June 16 (R03, R21)
The National Institute on Drug Abuse (NIDA) and the National Institute on Alcohol Abuse and Alcoholism (NIAAA) are
seeking applications for the Substance Use and Abuse, Risky Decision Making and HIV/AIDS grant. Applications should
focus on how people make decisions that involve behaviors like drug use/abuse that could affect the risk of contracting or
transmitting HIV. Proposals should study cognitive, motivational or emotional mechanisms and/or brain neuroendocrine
and reinforcement systems that relate to risk behaviors for HIV or the refusal to comply with HIV treatment. Especially
encouraged are interdisciplinary studies that incorporate approaches from psychology, economics, anthropology,
sociology, decision studies, neuroscience, and computational modeling. R01 applications should be empirical, hypothesis-
driven, confirmatory research and modeling approaches, while the R03 and R21 mechanisms applications are intended
for exploratory, descriptive, or hypothesis-generating research. Applicants should be aware that no element of animal
research should be proposed for any of the funding mechanisms. Given the nature of the proposals, the size and duration
of each award will vary, but projects may not exceed five years in duration. Previous grant research has included the
evaluation of the relationship between sexual behavior in methamphetamine addicts and HIV transmission, as well as the
neurobehavioral foundations of risk-taking behaviors in cocaine addicts as they relate to the transmission of HIV. Previous
research looked at the neuropsychological elements of risky behavior, especially involving the impairment of executive
functioning in the brain in drug-addicted patients. Grant applications are due June 5 (R01) and June 16 (R03 and R21).
More information is available online for each grant: R01, R03, and R21.

NIDA/NIAAA: Women and Sex/Gender Differences in Drug and Alcohol Abuse/Dependence
PA-11-047 (R01); PA-11-048 (R21); PA-11-049 (R03)
Application Submission Dates: June 5 (R01); June 16, (R03, R21)
The National Institute on Drug Abuse (NIDA) and the National Institute on Alcohol Abuse and Alcoholism (NIAAA) are
seeking applications for the Women and Sex/Gender Differences in Drug and Alcohol Abuse/Dependence grant. The
purpose of the funding opportunity is to promote research of sex-based differences in drug and alcohol abuse or
dependence. The grant also seeks to focus on factors specific to women. Applicants can propose research for either
human or animal models. Areas of research that applicants can pursue include, but are not limited to: etiology and
mechanisms of drug abuse, consequences and impact, prevention, and treatment. There is no limit to application
budgets, but applicants requesting more than $500,000 in direct costs per year should contact NIH program staff at least
six weeks before submitting an application. Projects should last no more than five years. Grant applications are due June
5 (R01), June 16 (R03 and R21). More information is available for each grant: R01, R21, and R03.

SAMHSA: Sober Truth on Preventing Underage Drinking Act Grants
SP-12-003
Application Submission Date: March 29, 2012
The Substance Abuse and Mental Health Services Administration (SAMHSA), Center for Substance Abuse Prevention
(CSAP) is accepting applications for fiscal year (FY) 2012 Sober Truth on Preventing Underage Drinking Act (STOP Act)
grants. The purpose of this program is to prevent and reduce alcohol use among youth age 12-20 in communities
throughout the United States. The STOP Act program was created to strengthen collaboration among communities, the
Federal Government, and State, local and tribal governments; to enhance intergovernmental cooperation and
coordination on the issue of alcohol use among youth; to serve as a catalyst for increased citizen participation and greater
collaboration among all sectors and organizations of a community that first demonstrates a long-term commitment to
reducing alcohol use among youth; to disseminate to communities timely information regarding state-of-the-art practices
and initiatives that have proven to be effective in preventing and reducing alcohol use among youth; and to enhance, not
supplant, effective local community initiatives for preventing and reducing alcohol use among youth. The statutory
authority for this program limits eligibility to domestic public and private nonprofit entities that are current or former Drug-
Free Communities Program (DFC) grantees. STOP Act grant funds must focus primarily on strengthening collaboration
among community entities to reduce alcohol use among youth in current and former DFC grantee communities. Grant
applications are due by March 29, 2012. Click here for more information.
NIH: Translating Basic Behavioral and Social Science Discoveries into Interventions to Improve Health-Related Behaviors (R01)
PA-11-063
Application Submission Date: June 5, 2012
Several Institutes at the NIH, including the Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD) and the Office of Behavioral and Social Science Research (OBSSR), invite applications that propose to translate findings from basic research on human behavior into effective clinical, community, or population-based behavioral interventions to improve health. Specifically, this funding opportunity announcement (FOA) will support interdisciplinary teams of basic and applied biological, behavioral and/or social science researchers in developing and refining novel behavioral interventions with high potential impact to improve health-promoting behaviors (e.g., healthy dietary intake, sun safety, physical activity, or adherence to medical regimens), and/or reduce problem health behaviors (e.g., smoking, tanning or physical activity or alcohol or substance use, abuse or dependence). Grant applications are due by June 5, 2012. Click here for more information.

NSF: Communicating Research to Public Audiences
NSF 03-509
Application Submission Deadline: Full Proposal accepted at any time
Discovery Communicating Research to Public Audiences is a component of the Informal Science Education program (ISE) in the Division of Elementary, Secondary, and Informal Education at the National Science Foundation (NSF). ISE projects provide rich and stimulating contexts and experiences for individuals of all ages, interests, and backgrounds to increase their appreciation for, and understanding of, science, technology, engineering, and mathematics (STEM) in out-of-school settings. Requests for up to $75,000 will be considered to support projects that communicate to public audiences the process and results of current research that is being supported by any NSF directorate through informal science education activities, such as media presentations, exhibits, or youth-based activities. The purpose of these efforts is to disseminate research results, research in progress, or research methods. Click here for more information.

HRSA: Child and Adolescent Injury and Violence Prevention Resource Centers (CAIVP) Cooperative Agreement Program
HRSA-12-148
Application Submission Date: March 14, 2012
The Health Resources and Services Administration (HRSA) is seeking applications for its Child and Adolescent Injury and Violence Prevention Resource Centers (CAIVP) Cooperative Agreement Program. The goals of the program are to: Elevate national, state, and community focuses on the protection of infants, children, and adolescents from injuries and violence; Improve the capacity of HRSA-funded health and safety systems, and their partners to prevent injuries and violence through outreach, technical assistance, and training; and Catalyze the translation of evidence-based strategies in injury and violence prevention from research to the practice community. The CAIVP Program contains two categories of efforts, including: (1) The Children’s Safety Network National Resource Center and (2) The National Center for Review and Prevention of Child Deaths. The Children’s Safety Network National Resource Center develops core injury and violence prevention capacity within health and safety services and systems which serve infants, children and adolescents including those with special health needs. The National Center for Review and Prevention of Child Deaths improves and strengthens state and local capacity to perform child death reviews, develops prevention-oriented recommendations and translates those recommendations to local policies and programs. Grant applications are due by March 14, 2012. Click here for more information.

NICHD/NIDA: Research on Teen Dating Violence
PA-09-169 (R01); PA-09-170 (R21)
Application Submission Date: June 5, 2012 (R01); June 16, 2012 (R21)
The Eunice Kennedy Shriver National Institute for Child Health and Human Development (NICHD), the National Institute on Drug Abuse (NIDA), and the National Institute on Alcohol and Alcohol Abuse (NIAAA) are soliciting research grant applications from institutions/organizations that propose to conduct behavioral and/or biomedical research aimed at better understanding the etiologies and precursors for, reducing risk for, and incidence of, teen dating violence (TDV). Research is also sought that examines the linkages and gaps among perceptions of appropriate responses to teen dating violence
from service providers, the criminal justice system, teens themselves, victims, perpetrators and bystanders. Successful applications will propose research that addresses at least one of the following overarching challenges facing the field of TDV research: epidemiology; etiology, which may include integrative model development; and or primary or secondary prevention (or treatment) of TDV. Grant applications are due by June 5, 2012 (R01); June 16, 2012 (R21). Additional information is available online for each grant: R01 and R21.

**NIJ: Longitudinal Data on Teen Dating Violence: Postdoctoral Fellowship**
**NIJ-2012-3090**
**Application Submission Date: April 24, 2012**
The Department of Justice (DOJ), Office of Justice Programs (OJP), National Institute of Justice (NIJ), is seeking applications for research related to teen dating violence (a.k.a. adolescent relationship abuse). In particular, NIJ is seeking proposals that explore predictors and consequences of teen dating violence using longitudinal data, through the support of postdoctoral fellows, to analyze existing data. NIJ anticipates that up to a total of $600,000 may become available for two to three awards made through this solicitation. Within applications proposing evaluation research, funding priority will be given to experimental research designs that use random selection and assignment of participants to experimental and control conditions. When randomized designs are not feasible, priority will be given to quasi-experimental designs that include contemporary procedures such as Propensity Score Matching or Regression Discontinuity Design to address selection bias in evaluating outcomes and impacts. Proposed evaluation research designs with multiple units of analysis and multiple measurements will also be given priority. Finally, applications that include cost/benefit analysis will be given priority. Grant applications are due by April 24, 2012. Click [here](#) for more information.

**MISCELLANEOUS**

**NIH: The Impact of Parental Military Deployment and Reintegration on Child and Family Functioning (R01)**
**PA-11-200 (R01); PA-11-201 (R13); PA-11-202 (R21)**
**Application Submission Dates: June 5, 2012 (R01); June 12, 2012 (R13); June 16, 2012 (R21)**
These National Institutes of Health (NIH) funding opportunities seek to encourage interdisciplinary studies of the impact of parental military deployment, combat-related stress and reintegration with the family on child social and affective development outcomes as well as on family functioning. The R01 aims to support a researcher in performing a discrete, specified, circumscribed project according to his/her specific interests and competencies. Systematic studies that examine the unique developmental challenges of children when the mother or female head of household is deployed to combat zones, the process of adjustment when military personnel return home, and the long-term consequences of separation and reintegration on children's development are highly encouraged. The R13 seeks to support recipient-directed international, national or regional meetings, conferences and workshops concerning the impact of parental military deployment and reintegration on child and family functioning. The R21 aims to support intervention studies targeting the particular concerns of early childhood, middle childhood, and adolescence, as well as the development and testing of measures to assess family functioning and child development outcomes. In particular, developmental and exploratory studies are needed to develop and test conceptual models, test the efficacy of existing programs, and develop measures and methods for working with this unique population. Applications are due at three different times: June 5, 2012 (R01); June 12, 2012 (R13); June 16, 2012 (R21). Click for more information about R01, R13, or R21.

**NSF: Arctic Social Science Research Opportunities**
**NSF 06-603**
**Application Submission Deadline: November 10 annually**
The Arctic Social Sciences Program invites investigators to submit proposals to conduct research about the Arctic or that is best done in the Arctic. The program is interested in research on the following areas: culture and environment, resources and economic change, development of social and political institutions, ethnic (cultural) and regional identities, and knowledge systems. Projects may be submitted on any social science topic. Under the Arctic Social Science Research Opportunities program, NSF has previously funded a research proposal focusing on the social implication of Fetal Alcohol Spectrum Disorders (FASD). Applications are due November 10 annually. Click [here](#) for more information.

**NSF: Law and Social Sciences**
**Application Submission Date: January 15 and August 15 annually**
The Law and Social Science Program at the National Science Foundation supports social scientific studies of law and law-like systems of rules, institutions, processes, and behaviors. These can include, but are not limited to, research designed to enhance the scientific understanding of the impact of law; human behavior and interactions as these relate to
The primary consideration is that the research shows promise of advancing a scientific understanding of law and legal process. Within this framework, the Program has an "open window" for diverse theoretical perspectives, methods and contexts for study. For example, research on social control, crime causation, violence, victimization, legal and social change, patterns of discretion, procedural justice, compliance and deterrence, and regulatory enforcement are among the many areas that have recently received program support. In addition to standard proposals, planning grant proposals, travel support requests to lay the foundation for research, and proposals for improving doctoral dissertation research are welcome. Under the Law and Sciences program, NSF has previously funded research proposals focusing on legal socialization and rule-violating behavior in adolescents, the mental health of female youth in court-ordered residential treatment, and the experiences of psychologists in capital cases. Click here for more information.