

■ **POLYCYSTIC KIDNEY DISEASE (PKD) RESEARCH AND TRANSLATION CORE CENTERS (P30): RFA-DK-09-007**

Components of Participating Organizations
National Institute of Diabetes and Digestive and Kidney Diseases

Application Receipt Date: March 10, 2010
Earliest Anticipated Start Date: September 30, 2010

The National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK) invites applications for Polycystic Kidney Disease (PKD) Research and Translation Core Centers to support both basic and clinical research on PKD. Core Centers should provide shared institutional and national resources to facilitate basic and clinical research on PKD and improve its effectiveness in translating insights from basic biology to clinical practice.

This FOA will utilize the NIH Core Center (P30) grant mechanism. The NIDDK intends to commit up to \$4.25 million in 2010 for up to 4 new or competing awards. An applicant may request a project period of up to five years and a budget for direct costs of up to \$750,000 per year.

Eligible institutions and organizations include: Public or state controlled institutions of higher education; private institutions of higher education; Hispanic-serving institutions; Historically Black Colleges and Universities; Tribally Controlled Colleges and Universities; Alaska Native- and Native Hawaiian-serving institutions; nonprofit organizations with 501(c)(3) IRS status (other than institutions of higher education); nonprofit organizations without 501(c)(3) IRS status (other than institutions of higher education); small businesses; for-profit organizations; (other than small businesses); state governments; Indian/Native American tribal governments (Federally recognized); Indian/Native American tribally designated organizations; county governments; city or township governments; special district governments; Independent School Districts; public housing authorities/Indian housing authorities; US territories or possessions; Indian/Native American tribal governments (other than federally recognized); regional organizations; eligible agencies of the Federal Government; and faith-based or community-based organizations. Non-domestic (non-US) entities (foreign organizations) are not eligible to apply; however, consortia agreements with foreign institutions are permitted. Individuals with the skills, knowledge, and resources necessary to carry out the proposed research are invited to work with their institution/organization to develop an application for support. Individuals from underrepresented racial and ethnic groups as well as individuals with disabilities are always encouraged to apply for NIH support. More than one PD/PI (i.e., multiple PDs/Pis), may be designated on the application. Applicants may submit more than one application, provided they are scientifically distinct. Resubmission applications are not permitted in response to this FOA. Renewal applications are permitted in response to this FOA. This FOA uses non-standard due dates.

Complete details available at <http://grants.nih.gov/grants/guide/rfa-files/RFA-DK-09-007.html>.

■ **GUT-LIVER-BRAIN INTERACTIONS IN ALCOHOL-INDUCED PATHOGENESIS (R01): RFA-AA-10-007**

Also Note: Gut-Liver-Brain Interactions in Alcohol-Induced Pathogenesis (R21): RFA-AA-10-008.

Details at <http://grants.nih.gov/grants/guide/rfa-files/RFA-AA-10-008.html>

Components of Participating Organizations
National Institute on Alcohol Abuse and Alcoholism

Letters of Intent Receipt Date(s): March 20, 2010
Application Due Date(s): April 20, 2010
Earliest Anticipated Start Date(s): September 1, 2010

The goal of this Funding Opportunity Announcements (FOA), issued by the National Institute on Alcohol Abuse and Alcoholism (NIAAA), is to stimulate innovative research that will determine (1) how alcohol disrupts gut-liver-brain physiological communications, and (2) how these alterations contribute to the development and exacerbation of alcohol-associated diseases. These investigations are expected to provide a more comprehensive understanding of cellular and molecular mechanisms by which alcohol impairs homeostatic functions at both organ and systemic levels and initiates/promotes tissue injury.

This FOA will utilize the NIH Research Project Grant (R01) grant mechanism and runs in parallel with a FOA of identical scientific scope, RFA-AA-10-008, that solicits applications under the R21 mechanism. The NIAAA intends to commit a total of approximately \$2,000,000 to this FOA and the companion RFA-AA-10-008 in FY10 to award up to 8 applications. Awards issued under this FOA are contingent upon the availability of funds and the submission of a sufficient number of meritorious applications. Budgets for direct costs may not exceed \$500,000 per year and a project duration of up to five years may be requested for a maximum of \$2,500,000 direct costs over a five-year project period.

Eligible institutions and organizations include: public or state controlled institutions of higher education; private institutions of higher education; Hispanic-serving institutions; Historically Black Colleges and Universities; Tribally Controlled Colleges and Universities; Alaska Native- and Native Hawaiian- serving institutions; nonprofit organizations with 501(c)(3) IRS status (other than institutions of higher education); nonprofit organizations without 501(c)(3) IRS status (other than institutions of higher education); small businesses; for-profit organizations; (other than small businesses); state governments; Indian/Native American tribal governments (Federally recognized); Indian/Native American tribally designated organizations; county governments; city or township governments; special district governments; Independent School Districts; public housing authorities/Indian housing authorities; US territories or possession; Indian/Native American tribal governments (other than federally recognized); regional organizations; non-domestic (non-U.S.) entities (foreign organizations); eligible agencies of the Federal Government; and faith-based or community-based organizations. Individuals with the skills, knowledge, and resources necessary to carry out the proposed research are invited to work with their institution/ organization to develop an application for support. Individuals from underrepresented racial and ethnic groups as well as individuals with disabilities are always encouraged to apply for NIH support. More than one PD/PI (i.e., multiple PDs/Pis) may be designated on the application. Applicants may submit more than one application, provided each application is scientifically distinct. Resubmission applications are not permitted in response to this FOA. Renewal applications are not permitted in response to this FOA. This FOA uses non-standard due dates.

Complete details available at <http://grants.nih.gov/grants/guide/rfa-files/RFA-AA-10-007.html>.

■ **PLANNING CENTERS FOR INTERDISCIPLINARY RESEARCH IN BENIGN UROLOGY (IR-BU): P20 RFA-DK-10-001**

Components of Participating Organizations
National Institute of Diabetes and Digestive and Kidney Diseases

Application Receipt Date: March 18, 2010
Earliest Anticipated Start Date: September 25, 2010

The National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK) invites applications for Planning Centers for Interdisciplinary Research in Benign Urology (IR-BU) (P20). These centers are to foster the establishment of interdisciplinary teams necessary for advancing our understanding of the underlying causes of benign lower urinary tract symptoms. Interdisciplinary teams will typically be composed of an urologist and a basic scientist along with collaborators from other disciplines. Because lower urinary tract symptoms, such as frequency, urgency, dysuria, terminal dribbling etc., are descriptive, it has been difficult to attribute these symptoms to specific etiologies or to particular urinary tract organs and tissues, supporting structures, or to the peripheral or central nervous system. The intent of this solicitation is to encourage planning grants to support the development of research teams that can integrate investigations of organ-specific development, structure and function, and physiology and pathophysiology with *in vivo* studies to understand the potential interplay of urologic and non-urologic organs and tissues that lead to lower urinary tract symptoms. Each IR-BU Center (P20) is limited to a single Scientific Project and must contain an Administrative Core and an Educational Enrichment Program.

This FOA will utilize the Exploratory Grants Mechanism (P20). The NIDDK anticipates commitment of up to \$1 million in FY 2010 and approximately 3-4 awards per year for this program. The total project period is two years. During this period, applicants may request no more than \$200,000 in direct costs per year for 2 years. The maximum budget for the Education Enrichment Program is \$25,000.

Eligible institutions and organizations include: public or state controlled institutions of higher education; private institutions of higher education; Hispanic-serving institutions; Historically Black Colleges and Universities; Tribally Controlled Colleges and Universities; Alaska Native- and Native Hawaiian- serving institutions; nonprofit organizations with 501(c)(3) IRS status (other than institutions of higher education); nonprofit organizations without 501(c)(3) IRS status (other than institutions of higher education); small businesses; for-profit organizations; (other than small businesses); state governments; Indian/Native American tribal governments (Federally recognized); Indian/Native American tribally designated organizations; county governments; city or township governments; special district governments; Independent School Districts; public housing authorities/Indian housing authorities; US territories or possessions; Indian/Native American tribal governments (other than Federally Recognized); regional organizations; eligible agencies of the Federal Government; and faith-based or community-based organizations. Individuals

with the skills, knowledge, and resources necessary to carry out the proposed research are invited to work with their institution/organization to develop an application for support. Individuals from underrepresented racial and ethnic groups as well as individuals with disabilities are always encouraged to apply for NIH support. More than one PD/PI (i.e., multiple PDs/Pis), may be designated on the application. Applicants may submit more than one application, provided they are scientifically distinct. Resubmission applications are not permitted in response to this FOA. Renewal applications are not permitted in response to this FOA. This FOA uses non-standard due dates.

Complete details available at <http://grants.nih.gov/grants/guide/rfa-files/RFA-DK-10-001.html>.

■ **ACTIVE AGING: SUPPORTING INDIVIDUALS AND ENHANCING COMMUNITY-BASED CARE THROUGH HEALTH INFORMATION TECHNOLOGY (HIT) (P50): RFA-HS-10-016**

Components of Participating Organizations
Agency for Healthcare Research and Quality

Application Receipt Dates(s): March 25, 2010
Earliest Anticipated Start Date: Generally three months after peer review date

This FOA issued by AHRQ solicits applications from organizations that propose to develop a specialized center (P50 grant mechanism) to carry out community-based participatory research on the use of communication and information focused technologies (IT) on improving the health status of, and health-related services provided to, older adults and to focus on applied research with the objective of developing sustainable and reproducible strategies to translate research into practice effectively and efficiently. This initiative will support a broad, integrated, multidisciplinary, multi-project health services research program – a center of excellence – that will bring together strong teams of experienced and new researchers. The initiative has three broad strategic themes: 1) the use of IT to extend independence and functioning and reduce unnecessary health care utilization by older adults; 2) the use of IT to place the individual and families at the center of expanded and more efficient service delivery networks; and 3) the development of innovative approaches to translate evidence generated in the first two thematic areas into practice. Research results are intended to enhance the independence and functionality of older adults through applied research, development of tools, conduct of demonstration projects, educational program development and implementation, and dissemination of results.

This FOA will use the P50 Specialized Center grant mechanism. AHRQ intends to commit up to \$2,000,000 total costs in FY 2010 to fund one application to build an infrastructure that supports the initiative and to begin the research agenda. AHRQ plans to award a total amount of up to \$10,000,000 (total costs) over five years. The total amount awarded will depend upon the quality, duration, and proposed research projects of the applications received. Applications may be up to five years in duration not to exceed \$2,000,000 per year in total costs to the government. Applications with project periods that exceed five years or budgets that exceed \$2,000,000 total costs in any given year will not be reviewed. The issuance of an award under this FOA is contingent upon the availability of funds and the submission of meritorious applications. The total costs

awarded under this FOA will not exceed \$2 million annually for the entire five year project period. An application with a budget that exceeds \$2 million in total costs in any one year will not be reviewed. Funding beyond the first year will be contingent upon a review and acceptance by Agency staff of the annual progress report.

Eligible institutions and organizations include: public or non-profit private institutions, such as universities, colleges, or a faith-based or community-based organizations; units of local or state governments; eligible agencies of the Federal government; Indian/Native American tribal government (Federally recognized); Indian/Native American tribal governments (other than Federally recognized); and Indian/Native American tribally designated organizations. AHRQ's authorizing legislation does not allow for-profit organizations; to be eligible to lead applications under this research mechanism, thus for the purpose of this FOA, AHRQ will make grants only to non-profit organizations. For-profit organizations; may participate in projects as members of consortia or as subcontractors only. Because the purpose of this program is to improve healthcare in the United States, foreign institutions may participate in projects as members of consortia or as subcontractors only. Applications submitted by for-profit organizations; or foreign institutions will not be reviewed. Organizations described in section 501(c) 4 of the Internal Revenue Code that engage in lobbying are not eligible. Individuals with the skills, knowledge, and resources necessary to carry out the proposed research are invited to work with their institution/organization to develop an application for support. Individuals from under-represented racial and ethnic groups as well as individuals with disabilities are always encouraged to apply for AHRQ support. Only one PD/PI may be designated on the application. Applicants may submit more than one application, provided each application is scientifically distinct. Resubmission applications are not permitted in response to this FOA. Renewal applications are not permitted in response to this FOA.

Complete details available at <http://grants.nih.gov/grants/guide/rfa-files/RFA-HS-10-016.html>.

■ ARRAOS: RECOVERY ACT LIMITED COMPETITION: BEHAVIORAL ECONOMICS FOR NUDGING THE IMPLEMENTATION OF COMPARATIVE EFFECTIVENESS RESEARCH: CLINICAL TRIALS (RC4): RFA-OD-10-001

Components of Participating Organizations

National Cancer Institute

National Institute on Aging

Agency for Healthcare Research and Quality

National Institute on Drug Abuse

National Institute of Mental Health

National Institute of Neurological Disorders and Stroke

National Institute of Nursing Research

American Reinvestment and Recovery Act of 2009

Application Due Date(s): April 7, 2010

Earliest Anticipated Start Date(s): August 31, 2010

This NIH Funding Opportunity Announcement (FOA), supported by funds provided to the NIH and AHRQ under the American Recovery & Reinvestment Act of 2009 ("Recovery Act" or "ARRA"), Public Law 111-5, invites applications proposing clinical trials using the principles of behavioral economics

to enhance the uptake of the results of comparative effectiveness research (CER) among health care providers in their practice. For this FOA, applicants must propose controlled trials that randomize units (whether individuals or clusters such as practices, hospitals, or larger units) to conditions, resulting in a randomized clinical trial (RCT) or cluster randomized trial (CRT). Research to foster the uptake of CER is seen to be necessary given the surprisingly modest behavioral response of health care providers and health care systems to information concerning treatments or procedures judged to be superior in CER trials. An additional possible benefit is that some behavioral economic interventions to promote the uptake of CER (e.g., those that rely on manipulating a provider's default options) could be more cost effective than conventional approaches including some pay for performance schemes (P4P). For the purposes of this FOA, the definition of comparative effectiveness research will adhere to that adopted by the Federal Coordinating Council given at <http://www.hhs.gov/recovery/programs/cer/cerannualrpt.pdf>. Behavioral economics refers to the interdisciplinary efforts involving cognitive and social psychologists, decision scientists, and other social scientists together with economists to model economic decision-making and consequent actions. The approach is inclusive, since at its heart it tries to take into account what is known about how people actually make decisions rather than relying on the assumption that economic agents are fundamentally rational in the sense of expected utility theory (see, e.g., Kahneman and Tversky's (1979) work on Prospect Theory and Kahneman's (2003) Nobel lecture). It is hoped that this line of research will lead to significantly greater consideration of CER by health care providers and therefore enhance the quality of the nation's health.

This FOA will use the ARRA-specific NIH mechanism RC4. Using funds provided by the Office of the Secretary of the Department of Health and Human Services, the NIH and AHRQ intend to commit \$15,000,000 for use under this FOA. We anticipate that 2 awards will be made for fiscal year 2010, pending the number and quality of applications and availability of funds. Total costs are limited to \$7,500,000 throughout the grant period. The total project period for an application submitted in response to this funding opportunity may not exceed three years.

Consistent with the purposes of the Recovery Act (in particular, to preserve and create jobs and promote economic recovery in the United States, and to provide investments needed to increase economic efficiency by spurring technological advances in science and health), applicants must be a domestic (United States) institution/organization. The United States institution/organization must be located in the 50 states, territories and possessions of the U.S., Commonwealth of Puerto Rico, Trust Territory of the Pacific Islands, or District of Columbia. NIH encourages applications from all interested organizations/institutions, including those from *Institutional Development Award (IDeA) states* and Academic Research Enhancement Award (AREA)-eligible institutions. Foreign organizations/institutions *are not permitted as the applicant organization*. The following organizations/institutions are eligible to apply: Public or state controlled institutions of higher education; private institutions of higher education; Hispanic serving institutions; Historically Black Colleges and Universities; Tribally Controlled Colleges and Universities; Alaska Native- and Native Hawaiian- serving institutions; nonprofit organizations with 501(c)(3) IRS status (other than institutes of higher education); nonprofit organizations without 501(c)(3) IRS status (other than institutes of higher education); for-profit organizations; state governments; Indian/Native American tribal governments (Federally recognized);

Indian/Native American tribally designated organizations; county governments; city or township governments; special district governments; Independent School Districts; public housing authorities/Indian housing authorities; US territories or possessions; Indian/Native American tribal governments (other than Federally recognized); regional organizations; eligible agencies of the Federal Government; and faith-based or community-based organizations. Foreign institutions and organizations are **not** eligible to apply. Individuals with the skills, knowledge, and resources necessary to carry out the proposed research are invited to work with their institution/ organization to develop an application for support. Individuals from underrepresented racial and ethnic groups as well as individuals with disabilities are always encouraged to apply for NIH support. More than one PD/PI (i.e., multiple PDs/Pis) may be designated on the application. Applicants may submit more than one application, provided each application is scientifically distinct. Because this is a one-time-only solicitation, resubmissions are not permitted. Renewals are not permitted in response to this FOA. This FOA uses non-standard due dates.

Complete details available at <http://grants.nih.gov/grants/guide/rfa-files/RFA-OD-10-001.html>.

■ **ARRAOS: RECOVERY ACT LIMITED COMPETITION: BEHAVIORAL ECONOMICS FOR NUDGING THE IMPLEMENTATION OF COMPARATIVE EFFECTIVENESS RESEARCH: PILOT RESEARCH (RC4): RFA-OD-10-002**

Components of Participating Organizations

National Cancer Institute

National Institute on Aging

Agency for Healthcare Research and Quality

National Institute on Drug Abuse

National Institute of Mental Health

National Institute of Neurological Disorders and Stroke

National Institute of Nursing Research

American Reinvestment and Recovery Act of 2009

Application Due Date(s): March 19, 2010

Earliest Anticipated Start Date(s): August 31, 2010

This NIH Funding Opportunity Announcement (FOA), supported by funds provided to the NIH and AHRQ under the American Recovery & Reinvestment Act of 2009 ("Recovery Act" or "ARRA"), Public Law 111-5, invites applications to study how the principles of behavioral economics could be used to enhance the uptake of the results of comparative effectiveness research (CER) among health care providers in their practice. (For this FOA, applications should be thought of as large pilot or preliminary studies rather than definitive trials). This funding opportunity seeks applications that will investigate whether the principles of behavioral economics could be used to enhance the uptake of the results CER among health care providers and also enhance the maintenance of such treatments in patient populations. Research to foster the uptake of CER is seen to be necessary given the surprisingly modest behavioral response of health care providers and health care systems to information concerning treatments or procedures judged to be superior in CER trials. An additional possible benefit is that some behavioral economic interventions to promote the uptake of CER could be far more cost effective than other

approaches including some pay for performance schemes (P4P). For the purposes of this FOA, the definition of comparative effectiveness research will adhere to that adopted by the Federal Coordinating Council given at <http://www.hhs.gov/recovery/programs/cer/cerannualrpt.pdf>. Behavioral economics refers to the interdisciplinary efforts involving cognitive and social psychologists, decision scientists, and other social scientists together with economists to model economic decision-making and consequent actions. The approach is inclusive, since at its heart it tries to take into account what is known about how people actually make behavioral decisions rather than relying on the assumption that economic agents are fundamentally rational in the sense of expected utility theory (see, e.g., Kahneman and Tversky's (1979) work on Prospect Theory and Kahneman's (2003) Nobel lecture). It is hoped that this line of research will lead to significantly greater understanding of the adoption of CER by health care providers and therefore enhance the quality of the nation's health.

This FOA will use the ARRA-specific NIH mechanism RC4. The NIH and AHRQ intend to commit \$5,000,000 for use under this FOA. We anticipate that 4-5 awards will be made for fiscal year 2010, pending the number and quality of applications and availability of funds. Total costs are limited to \$1,250,000 throughout the grant period. The total project period for an application submitted in response to this funding opportunity may not exceed three years.

Consistent with the purposes of the Recovery Act (in particular, to preserve and create jobs and promote economic recovery in the United States, and to provide investments needed to increase economic efficiency by spurring technological advances in science and health), applicants must be a domestic (United States) institution/organization. The United States institution/organization must be located in the 50 states, territories and possessions of the U.S., Commonwealth of Puerto Rico, Trust Territory of the Pacific Islands, or District of Columbia. NIH encourages applications from all interested organizations/institutions, including those from *Institutional Development Award (IDeA) states* and Academic Research Enhancement Award (AREA)-eligible institutions. Foreign organizations/institutions are *not permitted as the applicant organization*. The following organizations/institutions are eligible to apply: public or state controlled institutions of higher education; private institutions of higher education; Hispanic serving institutions; Historically Black Colleges and Universities; Tribally Controlled Colleges and Universities; Alaska Native- and Native Hawaiian- serving institutions; nonprofit organizations with 501(c)(3) IRS status (other than institutes of higher education); nonprofit organizations without 501(c)(3) IRS status (other than institutes of higher education); for-profit organizations; state governments; Indian/Native American tribal governments (Federally recognized); Indian/Native American tribally designated organizations; county governments; city or township governments; special district governments; Independent School Districts; public housing authorities/Indian housing authorities; US territories or possessions; Indian/Native American tribal governments (other than Federally recognized); regional organizations; eligible agencies of the Federal Government; and faith-based or community-based organizations. Individuals with the skills, knowledge, and resources necessary to carry out the proposed research are invited to work with their institution/ organization to develop an application for support. Individuals from underrepresented racial and ethnic groups as well as individuals with disabilities are always encouraged to apply for NIH support. More than one PD/PI (i.e., multiple PDs/Pis) may be designated on the

application. Applicants may submit more than one application, provided each application is scientifically distinct. Because this is a one-time-only solicitation, resubmissions are not permitted. Renewals are not permitted in response to this FOA. This FOA uses non-standard due dates.

Complete details available at <http://grants.nih.gov/grants/guide/rfa-files/RFA-OD-10-002.html>.

**■ RECOVERY ACT LIMITED COMPETITION:
NIH DIRECTORS OPPORTUNITY FOR
RESEARCH IN FIVE THEMATIC AREAS
(RC4): RFA-OD-10-005**

Components of Participating Organizations

National Institutes of Health

John E. Fogarty International Center

National Center for Complementary and Alternative Medicine

National Cancer Institute

National Center for Minority Health and Health Disparities

National Center for Research Resources

National Eye Institute National Human Genome Research Institute

National Heart, Lung, and Blood Institute

National Institute on Aging

National Institute on Alcohol Abuse and Alcoholism

National Institute of Allergy and Infectious Diseases

National Institute of Arthritis and Musculoskeletal and Skin Diseases

National Institute of Biomedical Imaging and Bioengineering

Eunice Kennedy Shriver National Institute of Child Health and Human Development

National Institute on Drug Abuse

National Institute on Deafness and Other Communication Disorders

National Institute of Dental and Craniofacial Research

National Institute of Diabetes and Digestive and Kidney Diseases

National Institute of Environmental Health Sciences

National Institute of General Medical Sciences

National Institute of Mental Health

National Institute of Neurological Disorders and Stroke

National Institute of Nursing Research

National Library of Medicine

American Reinvestment and Recovery Act of 2009

Application Due Date: March 15, 2010

Earliest Anticipated Start Date: August 31, 2010

The NIH has received new funds for Fiscal Years (FYs) 2009 and 2010 as part of the American Recovery & Reinvestment Act of 2009 ("Recovery Act" or "ARRA"). This is one of a number of NIH initiatives related to the Recovery Act. These are listed at the following site: <http://grants.nih.gov/recovery/>.

Under the Recovery Act, the NIH has established a program entitled "NIH Director's Opportunity for Research in Five Thematic Areas". This program will support projects that address research endeavors in specific areas that will benefit from significant three-year funds without the expectation of continued NIH funding beyond this period. The research supported by the program should have high short-term impact, and a high likelihood of enabling growth and investment in biomedical research and development, public health, and health care delivery.

This NIH Funding Opportunity Announcement (FOA), supported by funds provided to the NIH under the American Recovery & Reinvestment Act of 2009 ("Recovery Act" or "ARRA"), Public Law 111-5, solicits through this limited competition applications from domestic (United States) institutions and organizations proposing to develop and implement critical research innovations in one or more of the following five thematic areas:

1. Applying Genomics and Other High Throughput Technologies
2. Translating Basic Science Discoveries into New and Better Treatments
3. Using Science to Enable Health Care Reform
4. Focusing on Global Health
5. Reinventing the Biomedical Research Community

This program is a trans-NIH effort supported by Recovery Act funds from the Office of the Director. Applicants may propose to address either a specific disease- or technology-related research question relevant to the mission of one or more participating Institutes and Centers, or propose the creation of a unique infrastructure/resource designed to accelerate scientific progress in the future.

This FOA will utilize the NIH RC4 award mechanism.

Contingent upon the submission of a sufficient number of scientifically meritorious applications, up to \$80 million of ARRA funds will be obligated by September 30, 2010 to support requests submitted in response to this FOA. Because the nature and scope of the proposed research will vary from application to application, the size of each award will also vary. The total amount awarded and the number of awards will depend upon the numbers, quality, and costs of the applications selected for award.

Only applications with budgets greater than \$500,000 total costs per year for a project period of three years are expected to be considered. The total annual cost for individual awards is expected to vary, depending on the scope of the project.

Consistent with the purposes of the Recovery Act (in particular, to preserve and create jobs and promote economic recovery in the United States, and to provide investments needed to increase economic efficiency by spurring technological advances in science and health), applicants must be a domestic (United States) institution/organization. The United States institution/organization must be located in the 50 states, territories and possessions of the U.S., Commonwealth of Puerto Rico, Trust Territory of the Pacific Islands, or District of Columbia. NIH encourages applications from all interested organizations/institutions, including those from Institutional Development Award (IDeA) states and Academic Research Enhancement Award (AREA)-eligible institutions. Foreign organizations/institutions are not permitted as the applicant organization. The following organizations/institutions are eligible to apply: public or state controlled institutions of higher education; private institutions of higher education; Hispanic serving institutions; Historically Black Colleges and Universities; Tribally Controlled Colleges and Universities; Alaska Native- and Native Hawaiian- serving institutions; nonprofit organizations with 501(c)(3) IRS status (other than institutes of higher education); nonprofit organizations without 501(c)(3) IRS status (other than institutes of higher education); for-profit organizations; state governments; Indian/Native American tribal governments (Federally recognized); Indian/Native American tribally designated organizations; county governments; city or township governments; special district governments; Independent School Districts; public housing

authorities/Indian housing authorities; US territories or possessions; Indian/Native American tribal governments (other than Federally recognized); regional organizations; eligible agencies of the Federal Government; and faith-based or community-based organizations. Individuals with the skills, knowledge, and resources necessary to carry out the proposed research are invited to work with their institution/ organization to develop an application for support. Individuals from underrepresented racial and ethnic groups as well as individuals with disabilities are always encouraged to apply for NIH support. New PIs and ESIs are invited to apply for these funds. Because the awards are significant, recipients will not be considered New and Early Stage Investigators when they apply for NIH research grants in the future. More information can be found at http://grants.nih.gov/grants/new_investigators/index.htm. More than one PD/PI (i.e., multiple PDs/PIs) may be designated on the application. Applicants may submit more than one application, provided each application is scientifically distinct. Because this is a one-time-only solicitation, resubmissions are not permitted. Renewals are not permitted in response to this FOA.

Complete details available at <http://grants.nih.gov/grants/guide/rfa-files/RFA-OD-10-005.html>.

**■ RECOVERY ACT LIMITED COMPETITION:
INSTITUTIONAL COMPARATIVE
EFFECTIVENESS RESEARCH MENTORED
CAREER DEVELOPMENT AWARD (KM1):
RFA-OD-10-011**

Components of Participating Organizations

National Institutes of Health

National Center for Complementary and Alternative Medicine

National Cancer Institute

National Center for Research Resources

National Institute on Aging

National Institute on Alcohol Abuse and Alcoholism

National Institute of Allergy and Infectious Diseases

*National Institute of Arthritis and Musculoskeletal and
Skin Diseases*

National Institute on Drug Abuse

National Institute of Dental and Craniofacial Research

National Institute of Diabetes and Digestive and

Kidney Diseases

National Institute of Mental Health

National Institute of Neurological Disorders and Stroke

National Institute of Nursing Research

National Library of Medicine

American Reinvestment and Recovery Act of 2009

Application Due Date: March 25, 2010

Earliest Anticipated Start Date: August 31, 2010

Through this Funding Opportunity Announcement (FOA), entitled "Institutional Comparative Effectiveness Research Mentored Career Development Award (KM1)," which is supported by funds provided to the NIH under the American Recovery & Reinvestment Act of 2009 ("Recovery Act" or "ARRA"), Public Law 111-5, the NIH invites applications from research-intensive institutions to support mentored career development in support of comparative effectiveness research (CER) in an interdisciplinary environment catering to the needs of diverse populations of scholars including (but not limited to) those with backgrounds in biostatistics, epidemiology, health economics, pharmacology, medicine, and dentistry. Scholars should be en-

couraged to register for higher degrees, where appropriate. Successful applicant institutions will be expected to include course development work in their proposal and make provision for expanding the pool of experienced CER mentors. This FOA is responsive to the NIH mission to build capacity in critical research areas (<http://www.nih.gov/about/index.html#mission>).

This FOA will use the ARRA-specific NIH mechanism KM1 with funds provided to the NIH under the American Recovery & Reinvestment Act of 2009 ("Recovery Act" or "ARRA"), Public Law 111-5. The NIH intends to commit up to \$25,000,000 for this FOA. It is anticipated that eight to 10 awards will be made for fiscal year 2010, pending the number and quality of applications. Total costs are limited to \$2,500,000 throughout the project period. The total project period for an application submitted in response to this funding opportunity may not exceed three (3) years.

Eligible institutions and organizations include those conducting comparative effectiveness research (CER) which also have any of the following characteristics: public or state controlled institution of higher education; private institution of higher education; nonprofit organization with 501(c)(3) IRS status (other than institution of higher education); nonprofit organization without 501(c)(3) IRS status (other than institution of higher education); for-profit organization; state government; US territories or possessions; Indian/Native American tribal government (Federally recognized); Indian/Native American tribal government (other than Federally recognized); Indian/Native American tribally designated organization; Hispanic serving institutions; Historically Black Colleges and Universities; Tribally Controlled Colleges and Universities; Alaska Native- and Native Hawaiian- serving institutions; and regional organizations. This CER mentored training opportunity is expected to transcend traditional departmental, graduate school, clinical and hospital boundaries so an institution may submit, or be part of, only a single application in response to this FOA. Multiple applications from different divisions, faculties, centers, schools, etc., of the same university or medical school will not be considered. Foreign institutions are not allowed to apply for this program.

In many cases, it is anticipated that the proposed institutional research career development program will complement other ongoing research training and career development programs occurring at the applicant institution and that a substantial number of program faculty will have active research projects in which participants may gain relevant experiences consistent with their research interests and goals. Institutions with existing K12, KL2, or other training programs must explain what distinguishes this program from the others, how their programs will synergize with one another, if applicable, and make it clear that the pool of faculty, potential scholars, and resources will support the proposed program. Individuals with the skills, knowledge, and resources necessary to carry out the proposed research are invited to work with their institution/organization to develop an application for support. Individuals from underrepresented racial and ethnic groups as well as individuals with disabilities are always encouraged to apply for NIH support. More than one PD/PI (i.e., multiple PDs/PIs) may be designated on the application. Institutions may submit only one application in response to this solicitation. Because this is a one-time-only solicitation, resubmissions are not permitted. Renewals are not permitted in response to this FOA. This FOA uses non-standard due dates.

Complete details available at <http://grants.nih.gov/grants/guide/rfa-files/RFA-OD-10-011.html>.

■ SHARED INSTRUMENTATION GRANT PROGRAM (S10): PAR-10-082

Components of Participating Organizations
National Center for Research Resources
Application Due Date(s): March 23, 2010

Earliest Anticipated Start Date(s): April 1, 2011

The NCRR Shared Instrument Grant (SIG) program encourages applications from groups of NIH-supported investigators to purchase or upgrade a single item of expensive, specialized, commercially available instrumentation or an integrated system that costs at least \$100,000. The maximum award is \$600,000. Types of instruments supported include confocal and electron microscopes, biomedical imagers, mass spectrometers, DNA sequencers, biosensors, cell sorters, X-ray diffraction systems, and NMR spectrometers among others.

This funding opportunity will use the NIH S10 mechanism. The NCRR intends to commit approximately \$43 million in FY2011 to fund approximately 125 new awards. Since the cost of the various instruments will vary, it is anticipated that the size of awards will also vary. The total amount awarded and the number of awards will depend on the funds available for the SIG program. Awards are for one year and for the direct cost of the instrument only. Cost sharing is not required in the SIG program.

Eligible institutions and organizations include domestic non-profit organizations, public or private institutions, such as universities, colleges and hospitals. Eligible principal investigators include any technically qualified research scientists. To be eligible to apply, three or more NIH funded investigators (Principal Investigators of active P01, R01, U01, R35, R37, DP1 or DP2 research grants) who will be users of the requested instruments must be identified. Multiple PDs/PIs are not allowed under the S10 mechanism. There is no limit on the number of applications an institution may submit provided the applications are for different types of equipment. Applicants may submit a resubmission application, but such applications must include an Introduction addressing the previous peer review critique (Summary Statement). See new NIH policy on resubmission (amended) applications (NOT-OD-09-003, NOT-OD-09-016). Renewal (formerly "competing continuation" or "Type 2") applications are not permitted. This FOA uses non-standard due dates.

Complete details available at <http://grants.nih.gov/grants/guide/pa-files/PAR-10-082.html>.

■ MECHANISM FOR TIME-SENSITIVE RESEARCH OPPORTUNITIES IN ENVIRONMENTAL HEALTH SCIENCES (R21): PAR-10-084

Also Note: Mechanism for Time-Sensitive Research Opportunities in Environmental Health Sciences (R03): PAR-10-083
 Details available at [http://grants.nih.gov/grants/guide/pa-files/ PAR-10-083.html](http://grants.nih.gov/grants/guide/pa-files/PAR-10-083.html)

Components of Participating Organizations
National Institute of Environmental Health Sciences

Letters of Intent Receipt Date(s): March 5, 2010, April 6, 2010, May 6, 2010, June 4, 2010, July 6, 2010, August 6,

2010, September 7, 2010, October 6, 2010, November 5, 2010, and multiple dates in 2011, 2012, and 2013. Application Due Date(s): March 19, 2010, April 20, 2010, May 20, 2010, June 18, 2010, July 20, 2010, August 20, 2010, September 21 2010, October 20, 2010, November 19, 2010, and multiple dates in 2011, 2012, and 2013.

Earliest Anticipated Start Date(s): Within 6 months after receipt

This funding opportunity announcement (FOA) is intended to support research in which an unpredictable opportunity has arisen to collect human or animal biosample baseline or exposure data (e.g., following natural or made-made disasters, health care policy changes; etc). The distinctive element of the project should be the need for empirical study for a situation that was not foreseeable and is achievable only if begun within a short time frame. The R21 mechanism is intended to encourage new exploratory and developmental research projects, and applications submitted to this FOA would be expected to conduct innovative research that will lay the foundation for improved population studies concerning the effect of environmental agents on health.

This FOA will use the NIH Exploratory/Developmental (R21) award mechanism and runs in parallel with a FOA of identical scientific scope, PAR-10-083, that encourages applications under the R03 mechanism. Because the nature and scope of the proposed research will vary from application to application, it is anticipated that the size and duration of each award will also vary. The total amount awarded and the number of awards will depend upon the mechanism, numbers, quality, duration, and costs of the applications received. The total project period for an application submitted in response to this funding opportunity may not exceed two years. Direct costs are limited to \$275,000 over an R21 two-year period, with no more than \$200,000 in direct costs allowed in any single year.

Eligible institutions and organizations include: public or state controlled institutions of higher education; private institutions of higher education; Hispanic serving institutions; Historically Black Colleges and Universities; Tribally Controlled Colleges and Universities; Alaska Native- and Native Hawaiian- serving institutions; nonprofit organizations with 501(c)(3) IRS status (other than institutes of higher education); nonprofit organizations without 501(c)(3) IRS status (other than institutes of higher education); small businesses; for-profit organizations; (other than small businesses); state governments; Indian/Native American tribal governments (Federally recognized); county governments; city or township governments; special district governments; Independent School Districts; public housing authorities/Indian housing authorities; US territories or possession; Indian/Native American tribal governments (other than Federally recognized); regional organizations; eligible agencies of the Federal Government; and faith-based or community-based organizations. Individuals with the skills, knowledge, and resources necessary to carry out the proposed research are invited to work with their institution/organization to develop an application for support. Individuals from underrepresented racial and ethnic groups as well as individuals with disabilities are always encouraged to apply for NIH support. More than one PD/PI (i.e., multiple PDs/PIs) may be designated on the application. Applicants may submit more than one application, provided that each application is scientifically distinct. Resubmission applications are not permitted in response to this FOA. The nature of time sensitivity indicates that a project that could allow

additional time for a resubmission would not be of sufficient urgency. Applications that can reasonably be delayed for 9 months are encouraged to use the traditional application procedures. Exploratory/developmental grant support is for new projects only; renewal (formerly “competing continuation”) applications will not be accepted. This FOA uses non-standard due dates.

Complete details available at <http://grants.nih.gov/grants/guide/pa-files/PAR-10-084.html>.

■ **LIMITED COMPETITION FOR THE CONTINUATION OF THE PEDIATRIC ACUTE LIVER FAILURE STUDY GROUP (U01): RFA-DK-09-505**

Components of Participating Organizations
National Institute of Diabetes and Digestive and Kidney Diseases

Application Receipt Date: March 15, 2010
Earliest Anticipated Start Date: September 30, 2010

This Funding Opportunity Announcement (FOA) issued by the NIDDK, National Institutes of Health is to invite a cooperative agreement (U01) application for the competing continuation of the Pediatric Acute Liver Failure Study Group. This FOA will utilize the NIH Cooperative Agreement (U01) grant mechanism. The total amount of funding that the NIDDK expects to award through this announcement is \$17.1 million for one award. The total project period for an application submitted in response to this funding opportunity may not exceed five years. Year 1 direct costs are limited to \$700,000. Years 2 through 5 – direct costs of the project is limited to \$2.6 million per year.

Eligible Institutions and organizations include public or state controlled institutions of higher education and private institutions of higher education. Individuals with the skills, knowledge, and resources necessary to carry out the proposed research are invited to work with their institution/organization to develop an application for support. Individuals from under-represented racial and ethnic groups as well as individuals with disabilities are always encouraged to apply for NIH support. More than one PD/PI (i.e., multiple PDs/PIs), may be designated on the application. Applicants may submit only one application in response to this limited competition FOA as a PI. Resubmission applications are not permitted in response to this FOA. Renewal applications are permitted in response to this FOA. This FOA uses non-standard due dates.

Complete details available at <http://grants.nih.gov/grants/guide/rfa-files/RFA-DK-09-505.html>.

■ **LIMITED COMPETITION FOR THE CONTINUATION OF THE ADULT ACUTE LIVER FAILURE STUDY GROUP (U01): RFA-DK-09-506**

Components of Participating Organizations
National Institute of Diabetes and Digestive and Kidney Diseases

Letters of Intent Receipt Date: February 15, 2010
Application Receipt Date: March 15, 2010
Earliest Anticipated Start Date: September 30, 2010
Expiration Date: March 16, 2010

This Funding Opportunity Announcement (FOA) issued by the NIDDK, National Institutes of Health is to invite a cooperative agreement (U01) application for the competing continuation of the Adult Acute Liver Failure Study Group. This FOA will utilize the NIH Cooperative Agreement (U01) grant mechanism. The total amount of funding that the NIDDK expects to award through this announcement is \$10 million for one award. The total project period for an application submitted in response to this funding opportunity may not exceed five years. Year 1 direct costs is limited to \$600,000. Years 2 through 5 – direct costs of the project is limited to \$1.6 million per year.

Eligible Institutions and organizations include public or state controlled institutions of higher education and private institutions of higher education. Individuals with the skills, knowledge, and resources necessary to carry out the proposed research are invited to work with their institution/organization to develop an application for support. Individuals from under-represented racial and ethnic groups as well as individuals with disabilities are always encouraged to apply for NIH support. More than one PD/PI (i.e., multiple PDs/PIs), may be designated on the application. Applicants may submit only one application in response to this limited competition FOA as a PI. Resubmission applications are not permitted in response to this FOA. Renewal applications are permitted in response to this FOA. This FOA uses non-standard due dates.

Complete details available at <http://grants.nih.gov/grants/guide/rfa-files/RFA-DK-09-506.html>.

■ **NIH SUPPORT FOR CONFERENCES AND SCIENTIFIC MEETINGS (PARENT R13/U13): PA-10-071**

Components of Participating Organizations
National Institutes of Health
National Center for Complementary and Alternative Medicine
National Cancer Institute
National Center for Minority Health and Health Disparities
National Center for Research Resources
National Eye Institute
National Human Genome Research Institute
National Heart, Lung, and Blood Institute
National Institute on Aging
National Institute on Alcohol Abuse and Alcoholism
National Institute of Allergy and Infectious Diseases
National Institute of Arthritis and Musculoskeletal and Skin Diseases
National Institute of Biomedical Imaging and Bioengineering
Eunice Kennedy Shriver National Institute of Child Health and Human Development
National Institute on Drug Abuse
National Institute on Deafness and Other Communication Disorders
National Institute of Dental and Craniofacial Research
National Institute of Diabetes and Digestive and Kidney Diseases
National Institute of Environmental Health Sciences
National Institute of General Medical Sciences
National Institute of Mental Health
National Institute of Neurological Disorders and Stroke
National Library of Medicine

Application Due Date(s): Standard dates apply, see <http://grants1.nih.gov/grants/funding/submissionschedule.htm>
AIDS Application Due Date(s): Standard dates apply, see <http://grants1.nih.gov/grants/funding/submissionschedule.htm#AIDS>.

The purpose of the NIH Research Conference Grant Program (R13 and U13) 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 listed in the R13/U13 Website (<http://grants.nih.gov/grants/funding/r13/>) to obtain current information about IC specific program priorities and policies. This action is of utmost importance because applications with marginal or no relevance to the participating Institutes, Centers, or Offices will not be accepted for review or possible funding. Advance permission to submit an application must be requested early in the process and no later than 6 weeks before the application submission date. The letter from the NIH documenting advance permission must be included in the Cover Letter component of this application. In addition, applicants are encouraged to consult the Frequently Asked Questions Website for more detailed information about this program: <http://grants.nih.gov/grants/funding/r13/index.htm>.

This FOA will utilize the NIH Conference grant (R13) and conference cooperative agreement (U13) award mechanisms. Awards issued under this FOA are contingent upon the availability of funds and the submission of a sufficient number of meritorious applications. The appropriate NIH Conference Grant Contact should be consulted for guidance regarding any IC-specific budget and project duration requirements.

Eligible institutions and organizations include: public or state controlled institutions of higher education; private institutions of higher education; Hispanic serving institutions;

Historically Black Colleges and Universities; Tribally Controlled Colleges and Universities; Alaska Native- and Native Hawaiian- serving institutions; nonprofit organizations with 501(c)(3) IRS status (other than institutes of higher education); nonprofit organizations without 501(c)(3) IRS status (other than institutes of higher education); small businesses; for-profit organizations; (other than small businesses); state governments; Indian/Native American tribal governments (Federally recognized); Indian/Native American tribally designated organizations; county governments; city or township governments; special district governments; Independent School Districts; public housing authorities/Indian housing authorities; US territories or possessions; Indian/Native American tribal governments (other than Federally recognized); regional organizations; eligible agencies of the Federal Government; and faith-based or community-based organizations. Domestic institutions or organizations, including established scientific or professional societies, are eligible to apply for conference support. Foreign institutions are not eligible to apply for conference grants support. Both domestic and international conferences may be supported; however, an international conference can be supported only through the U.S. representative organization of an established international scientific or professional society. An individual is not eligible to receive a grant in support of a conference.

Individuals with the skills, knowledge, and resources necessary to carry out the proposed research are invited to work with their institution/organization to develop an application for support. Individuals from underrepresented racial and ethnic groups as well as individuals with disabilities are always encouraged to apply for NIH support. More than one PD/PI (i.e., multiple PDs/Pis) may be designated on the application. Applicants may submit more than one application, provided that each application is scientifically distinct. Applicants may submit a resubmission application, but such application must include an Introduction addressing the previous peer review critique (Summary Statement). See new NIH policy on resubmission (amended) applications (NOT-OD-09-003, NOT-OD-09-016). Applicants may submit a renewal application.

Complete details available at <http://grants.nih.gov/grants/guide/pa-files/PA-10-071.html>.