

Highlights of Competitive Grant Opportunities at NIH

Agency: Department of Health and Human Services
National Institutes of Health

Program: Research on Research Integrity (R21) Grant

Description: This announcement, issued by NIEHS and ORI, encourages applications for research that will improve understanding of the basic mechanisms of research integrity by bridging work in the laboratory and the field. This understanding will advance several goals, including: the identification of the optimal targets and time points in the life course for Responsible Conduct of Research education and the identification of common mechanisms of behavior change related to research integrity. This initiative seeks to capitalize on emerging basic science to accelerate the investigation of common mechanisms that play a role in initiating or maintaining research integrity and are applicable across a broad range of research-related behaviors.

Due Date: 12/1/2011

Funding: Total Funding: \$900,000 Funding Ceiling: \$200,000

Website: <http://www07.grants.gov/search/search.do?&mode=VIEW&oppld=106673>

Agency: Department of Health and Human Services
National Institutes of Health

Program: Mechanistic Pathways Linking Psychosocial Stress and Behavior Grant

Description: This announcement issued by the NIH Basic Behavioral and Social Sciences Opportunity Network solicits Research Project grant (R01) applications from institutions and organizations that propose to investigate basic psychological, social, and environmental mechanisms and processes linking psychosocial stressors and behavior. This announcement will facilitate investigation of multiple and potentially bidirectional pathways underlying the behavioral, environmental, and psychosocial links between psychosocial stressors and behaviors that may ultimately impact biological function, health, and disease.

Due Date: 12/19/2011

Funding: Total Funding: \$2,000,000; Award Ceiling: \$325,000

Website: <http://www07.grants.gov/search/search.do?&mode=VIEW&oppld=124133>

Agency: Department of Health and Human Services
National Institutes of Health

Program: Advancing HIV Prevention through Transformative Behavioral and Social Science Research Grant

Description: This announcement encourages applications that will advance generalizable knowledge about HIV prevention through transformative behavioral and social science research. An underlying assumption for this funding opportunity is that methods of and findings from social and behavioral studies can make essential contributions to research that utilizes biomedical modalities. In addition, biomedical perspectives are essential for the advancement of social and behavioral HIV research on HIV prevention. Therefore, this program invites studies that are

comprehensive in the sense that the reciprocal influences of relevant variables, whether social, behavioral, or biomedical are included in study design and interpretation.

Due Date: 1/6/2012

Funding: Total Award: \$500,000; Award Ceiling: \$500,000

Website: <http://www07.grants.gov/search/search.do?&mode=VIEW&oppld=100633>

Agency: Department of Health and Human Services
National Institutes of Health

Program: NIGMS Centers for HIV/AIDS-Related Structural Biology Grant

Description: The National Institute of General Medical Sciences invites applications for Centers that will support structure determination and dynamic characterization of macromolecular complexes among and between components of the human immunodeficiency virus and the components of host cells.

Due Date: 1/6/2012

Funding: \$20,000,000

Website: <http://www07.grants.gov/search/search.do?&mode=VIEW&oppld=121614>

Agency: Department of Health and Human Services
National Institutes of Health

Program: Translational Research at the Aging/Cancer Interface Grant

Description: This announcement issued by the National Institute on Aging, encourages research grant applications from institutions/organizations that propose translational research in the overlapping areas of human aging and cancer, linking basic and clinical research relevant to the care of older cancer patients through both bench to bedside and bedside to bench approaches. Ultimately, information from the research supported by this initiative should improve the health and well-being of elderly patients at risk for, or diagnosed with, cancer and decrease the functional impairment and morbidity associated with cancer in this population.

Due Date: 1/7/2012

Funding: \$200,000

Website: <http://www07.grants.gov/search/search.do?&mode=VIEW&oppld=44140>

Agency: Department of Health and Human Services
National Institutes of Health

Program: Early Cystic Fibrosis Lung Disease Studies in Humans Grant

Description: This announcement, issued by the National Heart, Lung, and Blood Institute, invites Research Project Grant (R01) applications that propose to investigate the early origins of cystic fibrosis lung disease and the mechanisms involved in development and progression of pulmonary abnormalities in young children with this condition. Studies may explore novel strategies for detecting early lung disease in infants and young children with CF, including minimally invasive biomarkers and/or imaging approaches, and utilize these methods to elucidate the molecular and cellular mechanisms of early lung disease onset and progression. The ultimate goal is development of novel approaches for diagnosis, prevention, and treatment of early CF lung disease.

Due Date: 1/11/2012

Funding: Total Award: \$3,000,000; Award Ceiling: \$400,000

Website: <http://www07.grants.gov/search/search.do?&mode=VIEW&oppld=115713>

Agency: Department of Health and Human Services
National Institutes of Health

Program: Dynamics of Host-Associated Microbial Communities Grant

Description: This announcement issued by the National Institute of General Medical Sciences, solicits applications that propose genetic, physiological, and ecological studies designed to reveal the basic principles and mechanisms that govern the symbiotic systems dynamics of host-associated microbial communities.

Due Date: 1/13/2012

Funding: \$2,500,000

Website: <http://www07.grants.gov/search/search.do?&mode=VIEW&oppld=125233>

Agency: Department of Health and Human Services
National Institutes of Health

Program: Understanding Mechanisms of Terminal Erythroid Maturation Grant

Description: This announcement encourages applications that propose hypothesis-driven research to study development of erythroid precursors into mature red blood cells. The aim of this program is to support research efforts to improve our understanding of the molecular mechanisms regulating late stages of erythroid maturation. These studies are needed to identify novel therapeutic targets for use in erythropoietin-resistant anemias characterized by defects in late-stage erythroid maturation.

Due Date: 2/2/2012

Funding: Total Award: \$3,150,000; Award Ceiling: \$250,000

Website: <http://www07.grants.gov/search/search.do?&mode=VIEW&oppld=119853>

Agency: Department of Health and Human Services
National Institutes of Health

Program: 2012 NIDA Translational Avant-Garde Award for Medication Development for the Treatment of Substance Use Disorders Grant

Description: The NIDA Translational Avant-Garde Award is designed to support dedicated and talented basic and/or clinical researchers with the vision, drive and expertise necessary to translate research discoveries into medications for the treatment of Substance-Use Disorders. Through this announcement, the National Institute on Drug Abuse is committed to advancing the development of safe and efficacious medications for the treatment of SUDs stemming from tobacco, cannabis, cocaine, methamphetamine, heroin, or prescription opiate use. Medications can be either small molecules or biologics. Biologics include vaccines and recombinant therapeutic proteins created by biological processes.

Due Date: 2/21/2012

Funding: Total Award: \$3,000,000; Award Ceiling: \$1,000,000

Website: <http://www07.grants.gov/search/search.do?&mode=VIEW&oppld=109473>

Agency: Department of Health and Human Services
National Institutes of Health

Program: Collaboration for Advancing Implementation Science in Prevention of Maternal-Child HIV Transmission Grant

Description: The NIH, in collaboration with the Office of the Global AIDS Coordinator, invites applications for implementation science projects that will inform the Presidents Emergency Plan for AIDS Relief as they develop more efficient and cost-effective methods to deliver proven interventions for prevention of maternal-child HIV transmission.

Due Date: 2/28/2012

Funding: \$3,350,000

Website: <http://www07.grants.gov/search/search.do?&mode=VIEW&oppld=120113>

Agency: Department of Health and Human Services
National Institutes of Health

Program: Diabetes Research Centers Grant

Description: This announcement invites applications for Diabetes Research Centers designed to support and enhance the national research effort in diabetes and related endocrine and metabolic diseases. Diabetes Research Centers support three primary research-related activities: Research Core services, a Pilot and Feasibility program, and an Enrichment program. All activities are designed to enhance the efficiency, productivity, effectiveness and multidisciplinary nature of research in Diabetes Research Center topic areas. The NIDDK Diabetes Centers program in 2011 consists of 16 Centers each located at outstanding research institutions with documented programs of research excellence in diabetes, endocrine and metabolic diseases.

Due Date: 2/29/2012

Funding: \$1,000,000

Website: <http://www07.grants.gov/search/search.do?&mode=VIEW&oppld=110073>

Agency: Department of Health and Human Services
National Institutes of Health

Program: Function of Type 1 Diabetes Genes Grant

Description: This announcement issued by the National Institute of Diabetes and Digestive and Kidney Diseases, encourages Research Project Grant (DP3) applications from institutions/organizations for projects to determine the function of human leukocyte antigen and non-HLA genes. In addition there are many human T1D regions for which there is no compelling functional candidate gene and thus additional work to identify causal genes and potential causal variants and elucidate the mechanisms whereby changes in the function or regulation of these genes are likely to provide crucial new insights into disease pathogenesis are also encouraged.

Due Date: 2/29/2012

Funding: \$15,000,000

Website: <http://www07.grants.gov/search/search.do?&mode=VIEW&oppld=126173>