

2004 FUNDING OPPORTUNITIES

1. NEW NIDA PREVENTION RFA

A new RFA, "Prevention Research for the Transition to Adulthood", recently appeared in the NIH Guide. It seeks grant applications focused on the period of late adolescence and early adulthood (roughly 18 to 25) that test the efficacy of interventions to prevent and/or reduce drug use, abuse and related problems. Submission deadline is March 23, 2004. The RFA can be accessed at: <http://grants1.nih.gov/grants/guide/rfa-files/RFA-DA-04-013.html> . For further information contact Susan Martin (smartin@nida.nih.gov).

2. NIH ROADMAP FUNDING OPPORTUNITIES UPDATE

A. NEW PATHWAYS TO DISCOVERY

1) METABOLOMICS TECHNOLOGY DEVELOPMENT

<http://grants.nih.gov/grants/guide/rfa-files/RFA-RM-04-002.html>

Letter of Intent Receipt Date: February 24, 2004

Application Receipt Date: March 24, 2004

This solicitation encourages highly innovative and potentially risky approaches for technology development to analyze the diverse range of metabolites and their dynamic fluctuations with quantitative information as well as high spatial and temporal resolution. This announcement uses the phased R21/R33 and the R33 stand-alone mechanisms with an upper limit of \$800,000 per year in direct costs for the R21 phase and \$1.5 million in direct costs for the R33 phase. However, an applicant should request the maximum (\$800,000 direct costs per year for the R21 phase; \$1,500,000 for stand-alone R33) only if there is a compelling need, e.g., if development of the technology is absolutely dependent on assembling an unusually large team of investigators, or on acquisition of major equipment. For this announcement, partnerships between academia and industry are encouraged, to facilitate technology transfer and capacity building at academic institutions. Frequently asked questions for this announcement can be found at <http://nihroadmap.nih.gov/grants/faq-metabolomics.asp>. Investigators who are considering submitting an application, are strongly encouraged to contact Dr. Rao Rapaka at (301) 435-1304 or Dr. Christine Colvis at (301) 435-1323.

2) NATIONAL TECHNOLOGY CENTERS FOR NETWORKS AND PATHWAYS

<http://grants.nih.gov/grants/guide/rfa-files/RFA-RM-04-005.html>

Letter of Intent Receipt Date: February 15, 2004

Application Receipt Date: March 16, 2004

This Request for Applications (RFA) is intended to encourage development of highly sensitive tools through a U54 centers mechanism with six core functions to measure the dynamics of quantity, activity, translocation, or interactions of molecules in cells. Investigators should consider selection of a model system (such as a cellular process, an already characterized network or pathway where the connections are mostly known but none of the dynamic information), or define a thematic biological research topic that will serve as a framework for the technological research and development activities of the resource. Applicants may request a maximum of \$2 million per year (direct costs). Investigators who are considering submitting an application are strongly encouraged to

contact Dr. Jonathan Pollock at (301) 435-1309 or Dr. Christine Colvis at (301) 435-1323.

3) CENTERS FOR INNOVATION IN MEMBRANE PROTEIN PRODUCTION

<http://grants.nih.gov/grants/guide/rfa-files/RFA-RM-04-009.html>

Letter of Intent Receipt Date: February 5, 2004

Application Receipt Date: March 11, 2004

NIH is soliciting proposals to establish Centers for Innovation in Membrane Protein Production. The goals of these Centers will be to create enabling technologies and to focus on innovative, high-impact, and multidisciplinary approaches to sample preparation of structurally and functionally intact membrane proteins for structure determination. The goal of the Centers, not possible with other funding mechanisms or previous program announcements, will be the multidisciplinary and non-hypothesis-driven technology development of innovative tools and methods for the expression, solubilization, stabilization, reconstitution, and purification of membrane proteins. Investigators who are considering submitting an application are encouraged to contact their Program Officers for additional information.

4) NATIONAL CENTERS FOR BIOMEDICAL COMPUTING

<http://grants.nih.gov/grants/guide/rfa-files/RFA-RM-04-003.html>

Letter of Intent Receipt Date: December 29, 2003

Application Receipt Date: January 23, 2004

This solicitation invites applications for specialized centers in the area of biomedical computing and a U54 mechanism will be used to create NIH National Centers for Biomedical Computing (NIH NCBCs). Areas of potential interest include biomolecular modeling and simulation, image analysis and reconstruction, clinical trial management, epidemiological analysis and modeling, multiscale simulation of biological processes, computational and information frameworks for integrating biological and behavioral data and other areas listed in the announcement. After the initial NIH Centers and Biomedical Computing are funded, NIH anticipates releasing a new program announcement that will support partnerships between individual investigators and the Centers. Investigators who are considering submitting an application are encouraged to contact their Program Officers for additional information.

B. RESEARCH TEAMS OF THE FUTURE

1) SUPPLEMENTS FOR METHODOLOGICAL INNOVATIONS IN THE BEHAVIORAL & SOCIAL SCIENCES

<http://grants.nih.gov/grants/guide/rfa-files/RFA-RM-04-013.html>

Letter of Intent Receipt Date: January 13, 2004

Application Receipt Date: February 13, 2004

The goal of this initiative is to encourage methodological and technological innovation that could benefit drug abuse research particularly. The initiative provides an opportunity for NIDA grantees in the behavioral and social sciences to add methodology development components to funded NIH projects. Investigators who are considering submitting an application are encouraged to contact their Program Officers for additional information.

2) INTERDISCIPLINARY HEALTH RESEARCH TRAINING: BEHAVIOR, ENVIRONMENT & BIOLOGY

<http://grants.nih.gov/grants/guide/rfa-files/RFA-RM-04-010.html>

Letter of Intent Receipt Date: February 11, 2004

Application Receipt Date: March 11, 2004

This initiative will allow drug abuse researchers to establish postdoctoral training programs in a new interdisciplinary field. The initiative integrates behavioral or social science disciplines with traditional biomedical science. Investigators who are considering submitting an application are encouraged to contact Dr. William Bukoski at (301) 443-6504 for additional information.

3) SHORT PROGRAMS FOR INTERDISCIPLINARY RESEARCH TRAINING

<http://grants.nih.gov/grants/guide/rfa-files/RFA-RM-04-008.html>

Letter of Intent Receipt Date: January 14, 2004; January 14, 2005

Application Receipt Date: February 11, 2004; February 11, 2005

This initiative is intended to provide career scientists with training in integrative and team approaches. Drug abuse researchers at all career levels are eligible. Investigators who are considering submitting an application are encouraged to contact their Program Officers for additional information.

4) CURRICULUM DEVELOPMENT AWARD IN INTERDISCIPLINARY RESEARCH

<http://grants.nih.gov/grants/guide/rfa-files/RFA-RM-04-007.html>

Letter of Intent Receipt Date: January 27, 2004

Application Receipt Date: February 24, 2004

The focus is the development of innovative, interdisciplinary courses, curricula and educational approaches to prepare undergraduates, pre- and postdoctoral candidates to conduct research in interdisciplinary, collaborative, team settings. As such, the initiative affords an opportunity to train interdisciplinary abilities at all levels. Investigators who are considering submitting an application are encouraged to contact their Program Officers for additional information.

5) EXPLORATORY CENTERS (P20) FOR INTERDISCIPLINARY RESEARCH

<http://grants.nih.gov/grants/guide/rfa-files/RFA-RM-04-004.html>

Letter of Intent Receipt Date: January 30, 2004

Application Receipt Date: February 24, 2004

This initiative is central to the interdisciplinary efforts at NIH. The purpose is to support planning activities for groups of researchers to develop interdisciplinary research strategies, to develop new ways to approach biomedical and behavioral research problems. The initiative is the planning base for future interdisciplinary research consortia to attack problem from a broad, interdisciplinary perspective. Researchers should be particularly interested in the opportunities afforded to address substance use and addiction from new perspectives, for example, excessive, out-of-control behavior that may also underlie eating, gambling, sexual and motivational disorders. Investigators who are considering submitting an application are encouraged to contact Dr. Bill Corrigan at (301)-435-1324 or Dr. Liz Ginexi at (301) 443-6504 for additional information.

C. RE-ENGINEERING THE CLINICAL RESEARCH ENTERPRISE

1) RE-ENGINEERING THE CLINICAL RESEARCH ENTERPRISE: FEASIBILITY OF INTEGRATING AND EXPANDING CLINICAL RESEARCH NETWORKS

<http://nihroadmap.nih.gov/grants/rm-04-23.htm>

Letter of Intent Receipt Date: January 30, 2004

Application Receipt Date: March 5, 2004

The NIH is soliciting feasibility study proposals that foster clinical research networks that are based on common or inter-operable infrastructure elements and that conduct research both in academic and clinical care settings. Integrating and expanding clinical research networks will broaden the kinds of research questions that can be addressed and enhance the efficiency of conducting clinical research. Successful models should be developed that can be used by other networks and for dissemination to the clinical research community. Investigators who are considering submitting an application are encouraged to contact their Program Officers for additional information.

2) DYNAMIC ASSESSMENT OF PATIENT-REPORTED CHRONIC DISEASE OUTCOMES

<http://grants.nih.gov/grants/guide/rfa-files/RFA-RM-04-011.html>

Letter of Intent Receipt Date: February 22, 2004

Application Receipt Date: March 22, 2004

This solicitation is seeking innovative proposals to measure patient-reported outcomes (PROs) that will meet the needs of clinical researchers across a wide variety of chronic disorders and diseases. This RFA solicits two types of applications; (1) individual research proposals, with added concept proposals for network-wide collection of self-report data on specific domains of patient-reported outcomes, symptoms, or quality of life in large and diverse samples, and (2) proposals for a statistical coordinating center that will serve as a data repository, conduct analyses, and develop a computerized system to administer, collect, and report PRO data. The broad objectives of the RFA are to (1) develop and test a large bank of items measuring PROs; (2) create a computerized adaptive testing system that will allow for efficient, psychometrically robust assessment of patient-reported outcomes in clinical research involving a wide range of chronic diseases, and (3) create a publicly-available system that can be added to and modified periodically and that will allow clinical researchers to access a common repository of items and CAT. Investigators who are considering submitting an application are encouraged to contact their Program Officers for additional information.

3) MULTIDISCIPLINARY CLINICAL RESEARCH CAREER DEVELOPMENT PROGRAMS

<http://grants.nih.gov/grants/guide/rfa-files/RFA-RM-04-006.html>

Letter of Intent Receipt Date: February 23, 2004

Application Receipt Date: March 23, 2004

The purpose of this RFA is to support the early career development of clinical researchers from a variety of disciplines engaged in all types of clinical research, including patient-oriented research, translational research, small- and large-scale clinical investigation and trials, and epidemiologic and natural history studies. The Program will train and foster the career development of individuals with doctoral-level professional degrees to become the next generation of clinical researchers who will perform clinical investigation in multidisciplinary, collaborative clinical research settings. This RFA will use the NIH Mentored Research Scientist Development Program Award (K12) mechanism. Investigators who are considering submitting an application are encouraged to contact their Program Officers for additional information.

3. FY2004 FUNDING OPPORTUNITIES AT CDC

The Prevention Development and Evaluation Branch, Division of Violence Prevention, National Center for Injury Prevention and Control, CDC, has announced the availability of fiscal year 2004 funds for the following cooperative agreement programs:

PRACTICES TO IMPROVE TRAINING SKILLS OF HOME VISITORS

Program Announcement # 04053

Letter of Intent Deadline: December 31, 2003

Application Deadline: February 19, 2004

<http://www.cdc.gov/od/pgo/funding/04053.htm>

The Centers for Disease Control and Prevention (CDC) announces the availability of fiscal year (FY) 2004 funds for a cooperative agreement program to conduct a systematic examination of the impact of home visitor training and factors related to the implementation (i.e., competency of visitors providing services, adequate coverage of content according to a pre-specified protocol) of an existing efficacious or effective home visiting program on family outcomes of child maltreatment and risk behaviors for youth violence (e.g., poor parent-child relations; harsh, lax, or inconsistent discipline). This program addresses the "Healthy People 2010" focus area of Injury and Violence Prevention. Measurable outcomes of the program will be in alignment with the following performance goal for the National Center for Injury Prevention and Control (NCIPC): Conduct a targeted program of research to reduce injury-related death and disability.

YOUTH VIOLENCE PREVENTION THROUGH COMMUNITY LEVEL CHANGE

Program Announcement # 04054

Letter of Intent Deadline: January 2, 2004

Application Deadline: February 17, 2004

<http://www.cdc.gov/od/pgo/funding/04054.htm>

The Centers for Disease Control and Prevention (CDC) announces the availability of fiscal year (FY) 2004 funds for a cooperative agreement program for the evaluation of community-level interventions to reduce youth violence. This program addresses the "Health People 2010" focus area of Injury and Violence Prevention. Measurable outcomes of the program will be in alignment with the following performance goal for the National Center for Injury Prevention and Control (NCIPC): Conduct a targeted program of research to reduce injury-related death and disability.

EFFICACY TRIALS OF PARENTING PROGRAMS FOR FATHERS

Announcement # 04055

Letter of Intent Deadline: January 16, 2004

Application Deadline: February 18, 2004

<http://www.cdc.gov/od/pgo/funding/04055.htm>

The Centers for Disease Control and Prevention (CDC) announces the availability of fiscal year (FY) 2004 funds for a cooperative agreement program to examine the efficacy of parenting programs for high-risk fathers, expectant fathers, or father surrogates of children age birth to two and/or age three to five for the prevention of child maltreatment and the promotion of positive parenting behaviors. This program addresses the "Health People 2010" focus area of Injury and Violence Prevention. Measurable outcomes of the program will be in alignment with the following performance goal for the National Center for Injury Prevention and Control (NCIPC): Conduct a targeted program of research to reduce injury-related death and disability.

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