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**Research Opportunities Compiled by:**

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**Opportunity #1**

**NIDDK Small Grants for Clinical Scientists to Promote Diversity in Health-Related Research (R03)  
DHHS – NIH  
PAR-09-223**

**Description:** The purpose of this funding opportunity announcement (FOA) is to provide support for clinical scientists from underrepresented racial/ethnic backgrounds, disadvantaged backgrounds or clinical scientists with disabilities to conduct small research projects in the area of diabetes, endocrinology, metabolism, digestive diseases, hepatology, obesity, nutrition, kidney, urology, or hematology. The NIDDK and the ODS recognize the need to promote diversity in the health-related workforce by increasing the number of highly trained clinical researchers from diverse backgrounds conducting research in areas of importance to the NIDDK. This FOA is aimed at New Investigators (see Section III.1.B. for definition) who hold a health professional doctoral degree or other clinical doctoral degree AND who are from a group that have been shown to be underrepresented in biomedical research (see eligible PD/PI for full definition). The R03 grant mechanism supports different types of projects including pilot and feasibility studies; secondary analysis of existing data; small, self-contained research projects; development of research methodology; and development of new research technology. The R03 is intended to support small research projects that can be carried out in a short period of time with limited resources. This FOA will utilize the NIH Small Research Grant (R03) award mechanism. The total project period for an R03 application submitted in response to this funding opportunity may not exceed three years. Direct costs for R03s in response to this FOA are limited to \$125,000 per year. Items 2-5 of the PHS398 Research Plan component of the R03 application may not exceed 10 pages, including tables, graphs, figures, diagrams, and charts. More than one PD/PI (i.e., multiple PDs/Pis), is not allowed on the application. Applicants may submit only one application per PD/PI. 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](#)). The R03 is not renewable.

**Link to Full Announcement:**

<http://grants.nih.gov/grants/guide/pa-files/PAR-09-223.html>

### **Opportunity #2**

#### **The Early Detection Research Network: Biomarker Developmental Laboratories (U01)**

**DHHS – NIH**

**RFA-CA-09-017**

**Description:** This funding opportunity announcement (FOA) solicits cooperative agreement applications for Biomarker Developmental Laboratories (BDLs), one of the four components of the Early Detection Research Network (EDRN). EDRN is a national consortium funded to discover, develop, and validate biomarkers for early cancer detection, risk assessment, and the molecular diagnosis and prognosis of early cancer. The BDLs have responsibility for the development and characterization of new, or the refinement of existing, biomarkers and biomarker assays. The other three main components of the EDRN are: the Biomarker Reference Laboratories (BRLs), which serve as Network resources for clinical and laboratory validation of biomarkers; the Clinical Validation Centers (CVCs), which conduct clinical research on the validation of biomarkers in early cancer detection and risk assessment and serve as resource centers for the EDRN by participating in collaborative biomarker validation studies and collaborating with EDRN BDLs and BRLs; and the Data Management and Coordinating Center (DMCC), which supports statistical and computational analyses, informatics infrastructure, and the coordination of network-wide meetings and conferences. This FOA utilizes the NIH Cooperative Agreement (U01) award mechanism. Parallel FOAs for other EDRN components include RFA-CA-09-018 (U01) for CVCs, RFA-CA-09-019 (U24) for BRLs, and RFA-CA-09-020 (U24) for DMCC. The NCI expects to commit \$10-11 million per year to fund 20 - 25 BDLs. An applicant may request a project period of up to 5 years at a budget of up to \$600,000 per year (direct costs). 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. However, applicants must be aware that a given PD/PI may serve in that role on only one funded EDRN award. Resubmission applications are not permitted in response to this FOA. Renewal applications are permitted in response to this FOA.

**Link to Full Announcement:**

<http://grants.nih.gov/grants/guide/rfa-files/RFA-CA-09-017.html>

### **Opportunity #3**

#### **Fertility Preservation Research: Advancing Beyond Technology (R01)**

**DHHS – NIH**

**RFA-HD-09-009**

**Description:** The *Eunice Kennedy Shriver* National Institute of Child Health and Human Development (NICHD) and the National Institute for Occupational Safety and Health (NIOSH) solicit grant applications that are designed to:

- 1) characterize the risks and mechanisms of gonadal damage secondary to exposure to chemotherapy, radiation therapy, or occupational or environmental hazards,
- 2) elucidate more reliable biomarkers of reproductive capacity, and
- 3) examine the social, legal, and ethical ramifications of fertility preservation technologies.

This FOA will utilize the Research Project (R01) grant mechanism. NICHD intends to commit \$1,500,000 and NIOSH intends to commit approximately \$500,000 in total costs [direct plus facilities and administrative (F&A) costs] for this initiative in FY 2010. Up to five new awards are anticipated. Direct costs may not exceed \$500,000 per year. The total project period may not exceed five years. The Research Project (R01) application Research Plan component of the PHS398 may not exceed 25 pages, including tables, graphs, figures, diagrams, and charts. 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.

**Link to Full Announcement:**

<http://grants.nih.gov/grants/guide/rfa-files/RFA-HD-09-009.html>