

## New Technology to Screen for Mild Hearing Loss in Children (SBIR [R43/R44])

For a complete copy of the text for this announcement please see:  
<http://grants.nih.gov/grants/guide/pa-files/PA-06-546.html>

### Department of Health and Human Services

#### Participating Organizations

National Institutes of Health (NIH) (<http://www.nih.gov>)  
Centers for Disease Control and Prevention (CDC) (<http://www.cdc.gov>)

#### Components of Participating Organizations

National Institute on Deafness and Other Communication Disorders (NIDCD) ([www.nidcd.nih.gov](http://www.nidcd.nih.gov))  
National Center for Birth Defects and Developmental Disabilities (NCBDDD) ([www.cdc.gov/ncbddd/](http://www.cdc.gov/ncbddd/))

#### Announcement Type

New

**NOTICE:** Applications submitted in response to this Funding Opportunity Announcement (FOA) for Federal assistance must be submitted electronically through Grants.gov (<http://www.grants.gov>) using the SF424 Research and Related (R&R) forms and the SF424 (R&R) SBIR/STTR Application Guide.

#### APPLICATIONS MAY NOT BE SUBMITTED IN PAPER FORMAT.

This FOA must be read in conjunction with the application guidelines included with this announcement in [Grants.gov/Apply for Grants](http://www.grants.gov/Apply) (hereafter called Grants.gov/Apply).  
A registration process is necessary before submission and applicants are highly encouraged to start the process at least four weeks prior to the grant submission date. See [Section IV](#).

**Program Announcement (PA) Number:** PA-06-546

**Catalog of Federal Domestic Assistance Number(s):** 93.173, 93.283

#### Key Dates

Release/Posted Date: September 8, 2006  
Opening Date: November 1, 2006 (Earliest date an application may be submitted to Grants.gov)  
Letters of Intent Receipt Date(s): Not applicable.

**NOTE: On time submission requires that applications be successfully submitted to Grants.gov no later than 5:00 p.m. local time (of the applicant institution/organization).**

Application Submission Date(s): Standard dates apply, please see <http://grants.nih.gov/grants/funding/submissionschedule.htm#SBIR> for details.  
AIDS Application Submission Date(s): Not applicable  
Peer Review Date(s): Standard dates apply. Please see <http://grants.nih.gov/grants/funding/submissionschedule.htm#reviewandaward>.  
Council Review Date(s) : Standard dates apply. Please see <http://grants.nih.gov/grants/funding/submissionschedule.htm#reviewandaward>.  
Earliest Anticipated Start Date(s): Standard dates apply. Please see <http://grants.nih.gov/grants/funding/submissionschedule.htm#reviewandaward>.  
Additional Information To Be Available Date (Activation Date): Not Applicable  
Expiration/Closing Date: August 2, 2009

#### Due Dates for E.O. 12372

Not Applicable

## Executive Summary

- This Funding Opportunity Announcement (FOA) solicits Small Business Innovation Research (SBIR) grant applications from small business concerns (SBCs) for the modification or development of new screening technologies that are better able to consistently detect mild hearing loss (i.e., < 40 dB Hearing Level or 40 dB HL) in one or both ears in infants and young children without significantly increasing the number of false positives (i.e., those who fail the screen but do not have hearing loss).
- The Early Hearing Detection and Intervention (EHDI) program within the National Center for Birth Defects and Developmental Disabilities (NCBDDD) of the Centers for Disease Control and Prevention (CDC) and the National Institute on Deafness and Other Communication Disorders (NIDCD), NIH, are working to ensure infants and children with mild forms of hearing loss are identified as soon as possible. Part of this effort involves having screening technology available that can reliably detect these hearing losses.
- This FOA will utilize the SBIR (R43/R44) grant mechanisms for Phase I, Phase II, and Fast-Track applications and runs in parallel with a FOA of identical scientific scope, [PA-06-547](#), that solicits applications under the Small Business Technology Transfer (STTR [R41/R42]) grant mechanisms. Note that CDC does not accept STTR applications so is participating only in PA-06-546.
- Awards issued under this FOA are contingent upon the availability of funds and the submission of a sufficient number of meritorious applications.
- Eligible Organizations: Only United States SBCs are eligible to submit SBIR applications. A SBC is one that, on the date of award for both Phase I and Phase II funding agreements, meets ALL of the criteria as described in [Section III](#).
- Eligible Project Directors/Principal Investigators: Individuals with the skills, knowledge, and resources necessary to carry out the proposed research are invited to work with their 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 or CDC support. On an SBIR application, the PD/PI must have his/her primary employment (more than 50%) with the SBC at the time of award and for the duration of the project.
- Applicant SBCs may submit more than one application, provided each application is scientifically distinct.
- See [Section IV.1](#) for application materials. The SF424 (R&R) SBIR/STTR Application Guide for this FOA is located at these Web sites:
  - [http://grants.nih.gov/grants/funding/424/SF424\\_RR\\_Guide\\_SBIR\\_STTR\\_Ver2.doc](http://grants.nih.gov/grants/funding/424/SF424_RR_Guide_SBIR_STTR_Ver2.doc) (MS Word)
  - [http://grants.nih.gov/grants/funding/424/SF424\\_RR\\_Guide\\_SBIR\\_STTR\\_Ver2.pdf](http://grants.nih.gov/grants/funding/424/SF424_RR_Guide_SBIR_STTR_Ver2.pdf) (PDF)
- For general information on SF424 (R&R) Application and Electronic Submission, see these Web sites:
  - SF424 (R&R) Application and Electronic Submission Information: <http://grants.nih.gov/grants/funding/424/index.htm>
  - General information on Electronic Submission of Grant Applications: <http://era.nih.gov/ElectronicReceipt/>
- Telecommunications for the hearing impaired is available at: TTY 301-451-0088.