Health Promotion and Community-based Research: NIDCR/NIH Funding Opportunities

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NOHC 2007

National Institute of Dental and Craniofacial Research
National Institutes of Health
Department of Health and Human Services
Purpose:

- Describe at least two NIDCR/NIH research initiatives that require community participation in epidemiology, health promotion or health disparities.
- Understand the NIH grant review process and how to apply for grants.
- Describe steps to take to partner with an academic institution for responding to a Funding Opportunity Announcement (FOA).
Other Presenters

- **Dr. Ruth Nowjack-Raymer:**
  Director, Health Disparities Research Program, Center for Clinical Research

- **Dr. Lynn Mertens King:**
  Chief, Scientific Review Branch, Division of Extramural Activities

- **Ms. Amy McGuire:**
  Grants Management Specialist, Grants Management Branch, Division of Extramural Activities

- **Dr. Amid Ismail:**
  Director, Program in Dental Public Health; Professor, School of Dentistry and Professor, Epidemiology, University of Michigan
Agenda

- **9:00 am** Welcome and Introductions
  María Teresa Canto, DDS, MS, MPH
- **9:10 am** Overview of Funding Opportunities
  María Teresa Canto, DDS, MS, MPH
  Ruth Nowjack-Raymer, MPH, PhD
- **10 am** Break
- **10:15 am** Review Process
  Lynn Mertens King, MPH, PhD
- **10:35 am** Grants Management
  Ms. Amy McGuire
- **11:00 am** The Grant Process: This is How to Prepare for It
  Amid Ismail, BDS, MPH, MBA, DrPH
- **11:30 am** Question & Answers - Panel
NIDCR Mission Statement

Improve oral, dental and craniofacial health through research, research training, and the dissemination of health information.

www.nidcr.nih.gov
NIDCR Mission

How to accomplish the mission?

- Performing and supporting basic and clinical research;
- Conducting and funding research training and career development programs to ensure an adequate number of talented, well-prepared and diverse investigators;
- Coordinating and assisting relevant research and research-related activities among all sectors of the research community;
- Promoting the timely transfer of knowledge gained from research and its implications for health to the public, health professionals, researchers, and policy-makers.
HP 2010

Healthy People 2010
Understanding and Improving Health

Official Healthy People Web Site: http://www.healthypeople.gov
Grants vs. Contracts

**Grants**
- Assistance
- Government is a Partner/Patron
- Purpose is to support and stimulate research
- Benefit a public purpose
- Investigator initiated

**Contracts**
- Acquisition
- Government is a purchaser
- Purpose is to acquire goods or services
- The direct benefit and use of the government
- Government initiated

**Cooperative Agreements**
= substantial government involvement
Grants.Gov

- Funding opportunities for all Federal Agencies
Types of Studies Funded

- CRISP data base:

  http://crisp.cit.nih.gov/
NIDCR home page

- www.nidcr.nih.gov

- Current Funding Opportunities (FOAs)
  - Requests for Applications (RFA)
  - Program Announcements (PA)
  - Notices
  - Requests for Proposals (RFP)
  - Recently Cleared Concepts
NIDCR home page

- [www.nidcr.nih.gov](http://www.nidcr.nih.gov)

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Call the Program Official

- “Federal Official”
- “Program Director”
- “Project Director” or “Project Scientist”
- “Health Scientist Administrator”

- Doctorates
- Scientists
- Schedule appointment
Grant mechanisms

- R03
- R21
- R01
Provides support limited in time and amount for studies in a categorical area.

Generally for preliminary short-term projects – up to two years.

Limited support - $50,000 per year – usually.

The grants are not renewable.

Limited to new investigators – usually.
**R21 grant mechanisms**

- Encourage development, exploration, feasibility of new research activities in categorical program areas.
- Planning grants or Pilot data grants
- Support generally is restricted in time – two years.
- Level of support - $275,000 for the two year period.
- Not limited to new investigators.
**R01 grant mechanisms**

- Provides support for discrete, specified project performed by an investigator in an area of specific interest and competency based on the mission of the NIH.
- Often in response to an FOA.
- Longer-term projects: 4 – 5 years.
- Level of support: Undefined – varies with project
NIDCR Small Research Grants for Data Analysis and Statistical Methodology (R03) (PAR-06-211)
Purpose is to provide funding for meritorious research projects using existing dental or craniofacial database resources that propose:

- secondary data analyses, or
- development of statistical methodology appropriate for analyzing oral health data using existing oral health data.
Secondary data analysis may be related to, but must be distinct from, the specific aims of the original data collection.

Test new hypotheses using existing data.
Small Research Grants for Data Analysis and Statistical Methodology

- Data derived from NIDCR-funded studies or from other sources.

- Applicants should consider the relevance to NIDCR programs and priorities.

- NIDCR Strategic Plan – [http://www.nidcr.gov/AboutNIDCR/StrategicPlan/](http://www.nidcr.gov/AboutNIDCR/StrategicPlan/)
Eligible Organizations

- For profit organizations
- Non-profit organizations
- Public or private institutions (such as universities, hospitals)
- Units of State or local government
- Eligible agencies of the Federal government
- Domestic or Foreign institutions
- Faith-based or community-based organizations
- Units of state or local tribal governments
Eligible Project Directors/Principal Investigators

- Any individual with the skills, knowledge and resources necessary to carry out the research is invited to work with his/her institution to develop an application.

- Individuals from underrepresented racial and ethnic groups as well as individuals with disabilities are always encouraged to apply for NIH support.

- Need not be a new investigator.
Funding support for:

- Grant mechanism – R03
- Project period – not to exceed 2 yrs.
- Award Amount – direct costs are limited to $100,000 per year
Does not support:

- Dissertation or Thesis
- Concurrent submission to other PHS entity for substantially the same research
- Supplement research projects currently supported by Federal or non-Federal funds
Ten pages – plus limited information in appendix

Applicants may submit more than one application, provided the applications are scientifically distinct
Other Important Information:

- Standard review criteria:
  - Significance
  - Approach
  - Innovation
  - Investigators
  - Environment
  - Protection of Human Subjects from Research Risks
Receipt Dates

- Electronic Submission!
- New Application Submission/Receipt Dates: February 16, June 16, & October 16
- Resubmissions Dates: March 16, July 16, & November 16 (can be resubmitted twice)
- Program Announcement Expiration Date: March 2, 2009 unless reissued
Questions

Contact Information

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Ruth Nowjack-Raymer, MPH, PhD
(for research focused on health disparity populations)

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NIDCR Exploratory and Developmental Grants in Clinical Research (R21)

- PAR-06-246
- The goal of this announcement is to broadly encourage developmental, exploratory, or pilot clinical research to:
  1) document oral conditions and risk factors for oral and craniofacial diseases and disorders,
  2) investigate new methods of diagnosing oral disease,
  3) address behavioral and health promotion topics relevant to oral health, dental care or oral health promotion, and/or
  4) identify promising culturally appropriate approaches to prevent and reduce oral health disparities.
NIDCR Exploratory and Developmental Grants

in Clinical Research (R21)

- **Project Period and Award Levels:** The applicant may request a project period of up to two years with a combined budget for direct costs of up to $275,000 for the two-year period.
- Standard dates apply, please see: http://grants.nih.gov/grants/funding/submissionschedule.htm
Oral Health Promotion Research Across the Lifespan

- Pilot and Feasibility Studies on Oral Health Promotion Research Across the Life Span (R21)
- Planning Grant for Oral Health Promotion Across the Lifespan (R21)
- Oral Health Promotion Research Across the Lifespan (R01)
Pilot and Feasibility Studies on Oral Health Promotion Research Across the Lifespan (R21)

- **PA-07-223**
- **Purpose** - encourage preliminary data collection, pilot or feasibility studies on oral health promotion research directed at improving oral health across the lifespan.
- The study team must include health promotion, behavioral and/or social scientists.
Pilot and Feasibility Studies on Oral Health Promotion Research Across the Lifespan (R21)

Focus in any of the following areas:

1) maternal and child health
2) adolescent and young adult health
3) the health of adults with complex diseases
Such health promotion research will be expected to:

- apply or adapt existing behavioral or health promotion theories and planning research models to known risk factors and lifestyle aspects of oral diseases and conditions
- promote optimal oral health of individuals, families and communities in the context of overall health and co-morbidities, and/or
- integrate oral health promotion into general health promotion programs.
Planning Grant for Oral Health Promotion Research Across the Lifespan (R21)

- **PA-07-224**

- **Purpose** - The objective of this FOA is to support the formation of partnerships and/or coalitions among stakeholders to develop a comprehensive research plan on health promotion for a specific oral disease or condition.

- The partnership or coalition should include individuals with extensive experience in health promotion, behavioral and/or social sciences.
Budget and Project Period: The total project period for an application submitted in response to this funding opportunity may not exceed one year. Direct costs are limited to $100,000 over the R21 one-year period.
Oral Health Promotion Research Across the Lifespan (R01)

- **PA-07-225**
  - Purpose - encourage the development, implementation and testing of oral health promotion interventions directed at improving oral health across the lifespan.
  - The research team must include someone with extensive experience in health promotion, behavioral and/or social science research.
  - The health promotion intervention must be based on a previously conducted assessment of the epidemiology, social, behavioral and/or environmental factors related to the disease or condition under study.
  - The assessment could have been funded by NIDCR or other sources.
Special Instructions for Applications Requesting $500,000 (direct costs) or More Per Year:

- Applicants requesting $500,000 or more in direct costs for any year (excluding consortium F&A costs) must carry out the following steps:
  1) Contact the IC program staff at least 6 weeks before submitting the application, i.e., as you are developing plans for the study;
  2) Obtain agreement from the IC staff that the IC will accept your application for consideration for award; and,
  3) Include the PHS398 Cover Letter component with the application to identify the staff member and IC who agreed to accept assignment of the application.

- This policy applies to all new applications, competing renewal (formerly “competing continuation”) applications, resubmission (formerly “revised/amended”) applications, and revision (formerly “competing supplemental”) applications. See NOT-OD-02-004, October 16, 2001.
The Oral Health Resource Bulletin Volume XV and Dental Sealant Resource Guide

*Publications available to order through the HRSA Information Center:
1-888-ask-HRSA

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1-888-ask-HRSA
Theory at a Glance:
A Guide for Health Promotion Practice

1-800-4 CANCER

*Publication available online at: http://www.cancer.gov/theory
Oral Health of Special Needs and Older Populations
(PA-07-131)
The National Institute of Dental and Craniofacial Research

A Plan to Eliminate Craniofacial, Oral, and Dental Health Disparities

http://www.nidr.nih.gov/research/health_disp.asp
NIDCR’s health disparities definition....

- Developmental or acquired physical or mental disabilities e.g. people with:
  - Mental retardation, cerebral palsy, autism
  - Disorders e.g. syndromic, degenerative neurological, psychiatric
  - Traumatic head and spinal cord injury
  - People living with HIV/AIDS
  - Elders – frail, functionally dependent, cognitive impairment
**Purpose:** To solicit grant applications that propose clinical research focused on special needs populations.

**Mechanism:** R01

- Can use R03 and R21 clinical research mechanisms as building blocks toward responding to this announcement for R01
Examples: Epidemiologic studies

- Types and severity of oral disease conditions.

- Documentation of inequalities of oral health and oral health care.

- Biological, behavioral and environmental factors and their interactions.

- Impact of oral health on social well being, quality of life, and general health.
Example:
Behavioral and social science

- Explore physical and psychosocial factors that influence perceptions of oral health and care needs of people with special needs and their caregivers.

- Improve maintenance of oral health and QOL by increasing ability and willingness of providers and caregivers to provide oral care.
Examples:
Behavioral and social sciences using State-of-the-Art Technology

- Telehealth and telemedicine
  - Health literacy
  - Tailored interventions
  - Compliance with recommendations
Example:
Health outcomes

- Develop and test strategies to improve QOL and impact on general health.

- Novel approaches to prevent or mitigate effects of medications, treatments or feeding practices on oral health.
Example: Community-based

- Improve dissemination and implementation of research findings to special needs populations, caregivers and health care providers.

- Innovative health promotion approaches (social, educational, legal, fiscal) to address environmental, behavioral and biological determinants of oral health and QOL.
Centers for Research to Reduce Disparities in Oral Health

- **Notice of Intent:** DE-07-003
- **Receipt date:** November 15, 2007

**Populations include:**
- Racial and ethnic minorities
- Low income groups
- Persons with special needs

**Intervention studies** – a minimum of two
- One must be...
  - Demonstration/dissemination/implementation
  - Primary outcome – improved oral health status
Health Literacy

- Understanding and Promoting Health Literacy (R01)
- Understanding and Promoting Health Literacy (R21)
- Understanding and Promoting Health Literacy (R03)
Health Literacy

- **Purpose** - encourage empirical research on health literacy concepts, theory and interventions as these relate to the U.S. Department of Health and Human Services’ public health priorities that are outlined in its HealthierUS and Healthy People 2010 initiatives.

- Health literacy is defined as the degree to which individuals have the capacity to obtain, process, and understand basic health information and services needed to make appropriate health decisions.
The Health Literacy of America’s Adults: Results from the 2003 National Assessment of Adult literacy

Randomized Clinical Trials are not accepted under these PAs

For information on Clinical Trials go to:

http://www.nidcr.nih.gov/ClinicalTrials/ClinicalTrialsProgram/
Training Grants Supported by NIDCR

- For information about fellowships (F awards), K99/R00 awards or the Loan Repayment Program, contact Dr. Albert Avila at 301-496-4263, aavila@mail.nih.gov

- For information on K Career Development Awards or T32 Training Programs, contact Dr. Kevin Hardwick at 301-594-2765, kevin.hardwick@nih.gov
New initiatives.....

- www.nidcr.nih.gov
  - Current Funding Opportunities

- www.grants.gov
  - FOAs for all Federal Agencies
Questions

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