



**NINR: Health Disparities Research Update
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Presenter Disclosures

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The following personal financial relationships with commercial interests relevant to this presentation existed during the past 12 months:

“No relationships to disclose”



Nursing Science

- Builds the scientific foundation for clinical practice;
- Prevents disease and disability;
- Manages and eliminates symptoms caused by illness, and;
- Enhances end-of-life and palliative care.



NINR Mission

...to advance nursing science by promoting and improving the health of individuals, families, communities, and populations through basic and clinical research and research training.





Strategies to Advance Nursing Science

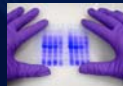
- Integrating Biology and Behavior
- Designing and Using New Technologies
- Developing New Tools
- Preparing the Next Generation of Nurse Scientists





Areas of Special Interest

- New Technologies
- Genetics and Nanotechnology
- End of Life
- HIV / AIDS
- Aging
- Chronic and Complex Disease
- Methods, Measures, and Designs



Strategic Plan

Health Promotion Disease Prevention

- **Biomarkers to Assess Disease Risk**
- **Methods, Measures, and Designs**
- **Interventions**
 - Moderate risk
 - Promote decision-making
 - Sustain healthy behavior over time

Health Disparities

- **Identify Disparities**
 - Barriers to good health
 - Risk & protective factors
 - Differences in response to treatment
- **Develop and Test Interventions**
 - To reduce disparities due to race, ethnicity, gender, SES, geography, disability and age



Quality of Life

- **Self-Management**
 - Early identification of symptoms
 - Behaviors that support adherence and self-care
- **Symptom Management**
 - Causative mechanisms (including genetic biomarkers)
 - Interventions to improve response to treatments and symptom management
- **Caregiving (formal and informal)**
 - Coping
 - Transitions in care setting



NINR Institutional Centers

- **P20 Exploratory**
 - Relatively new programs of research
 - Building of research expertise and teams for the future
- **P30 Centers of Excellence**
 - Several years of demonstrated research success
 - Several R21 interdisciplinary projects
 - Moving toward R01
- **P01 Centers of Research of Critical Importance to NINR**
 - Established investigators
 - Program project support for several independent research projects as a group
 - Innovative, high-impact, interdisciplinary research



NINR Intramural Research

- **Discovering the underlying biological mechanisms of a range of symptoms, their effect on patients, and how patients respond to interventions.**
- **Training of persons with terminal degrees and accomplishment in symptom management research.**
- **Opportunities:**
 - Summer Genetics Institute
 - BNC Fellowship
 - Postdoctoral Fellowships (K22/R00)
 - The Graduate Partnership Program



Traditional Research Grants

R01, R03, R15, R21, R41-44

Key Requirements: R01

- **Must have completed pilot work**
- **Application addresses all core criteria**
- **Application must tie together from theory to analysis**

Key Requirements

- **R03 Small Grant Program**
 - Must show how it will lead to an R01
- **R15: Academic Research Enhancement Award**
 - Only eligible universities or colleges
 - Includes students
- **R21: Exploratory/Developmental Grant**
 - For Innovation projects with high potential contribution to science



Small Business

- **R41, R42, SB Technology Transfer**
– Small business + research institution
- **R43, R44, SB Innovative Research**
– Research & development by small business




Supplements for Underrepresented Minorities & the Disabled

- Targeted to high school, undergraduate, graduate, postdoctoral, or faculty members
- Purpose is to attract these individuals to biomedical and behavioral research careers
- The PI's of existing grants must apply for the supplement; must be a reasonable amount of time on the existing grant




Pathway to Independence Award (K99/R00)

- Five years of support consisting of two phases
- Phase I provides 1-2 years of mentored support for advanced fellows
- Phase II provides up to 3 years of independent research support contingent upon securing an independent research position and administrative review
- U.S. citizens and non-citizens are eligible to apply

 **Health Disparities Research**

PA-07-422/ PA-07-421

**Health Promotion Among Racial and Ethnic Minority Males
(R01)/(R21)**

 **Health Disparities Research**

PA-09-262

**Health Disparities in NIDDK Diseases
(R01)**

 **Health Disparities Research**

PAR-08-075/PAR-08-076

**Community Participation Research
Targeting the Medically Underserved
(R01)/(R21)**



Health Disparities Research

**PAR-07-070/PAR-07-071
Understanding and Promoting
Health Literacy
(R01/R21)**



Health Disparities Research

**PA-07-391/PA-07-392
Reducing Health Disparities Among
Minority and Underserved Children
(R01/R21)**



NINR Health Disparities Research



Health Disparities Research

R03 NR010680 Race Related Stressors and Preterm Birth in African American Women.

The proposed theoretical model examines the relationships among objective and perceived neighborhood environment, perceived racial discrimination, personal resources, stress responses and preterm birth.



Health Disparities Research

R03 NR009476 HIV, Lipids and Dietary Strategies

- Test feasibility of conducting dietary study with fish oil to reduce lipids in HIV/AIDS patients who are receiving highly active antiretroviral therapies with Protease Inhibitors.



Health Disparities Research

- **F31 NR008704** Predictors of Cardiovascular Health Promotion in Mexican-American Women
- Investigate the relationships between the variables of knowledge of CHD and risk, perceived health status, menopausal status, and acculturation level, on promoting cardiovascular health in Mexican-American women



Health Disparities Research

- **R21 NR010901 A Telenovela Intervention to Increase Mexican American Elders' Home Care Use**
- **: Test the efficacy of a culturally specific intervention, a videotaped dramatization (telenovela) and follow-up dialogue, on Elders' and Caregivers' Confidence in HHCS and Service Awareness**



Health Disparities Research

- **R21 NR010782 Telephone Counseling to Manage GnRH Agonist Symptom Clusters in Black Men w/PCa.**
- **Management of three major symptom clusters in African American men undergoing gonadotrophic-releasing hormone agonist treatment for prostate cancer.**



NINR Health Disparities Research

R01 NR010860 Reducing Urban Women's HIV Risk: Soap Opera Videos on Video Capable Cell Phones

- **To evaluate whether a series of 12-weekly data and theory-based urban soap operas will promote a reduction in HIV sex risk behavior in young urban African American and Latina women**



NINR Health Disparities Research

- **R01 NR011182 The African American Non- Resident Fatherhood Program**
- **Internet-based social networking program, that analyzes the effectiveness of HIV prevention messages on that site for young adults.**



NINR Health Disparities Research

- **R01 NR010357 The Effects of Nursing on NICU Patient Outcomes**
- **This research will provide new knowledge on the effect of nursing in the NICU on mortality and morbidity among VLBW infants in the US. The project will also provide new knowledge on the potential role of nursing in explaining and addressing observed disparities in infant outcomes for VLBW infants treated in minority-serving hospitals.**



NINR Health Disparities Research

- **R01 NR008565 Familias En Accion: Educating & Changing Communities**
- **The aim of the proposal is to evaluate the effect of a multi-level intervention on violent behaviors and their antecedents in families, schools, and communities**



Funding Opportunities

- All current NINR Funding Opportunity Announcements, including RFAs and Program Announcements (PAs), as well as Notices of interest from NIH, are available on the NINR web site at: <http://www.ninr.nih.gov/ResearchAndFunding/DEA/OEP/FundingOpportunities/default.htm>.

The screenshot shows the NINR website homepage. At the top left is the NINR logo. A navigation menu includes 'Research & Funding', 'Training', 'News & Information', and 'Home'. A search bar is located in the top right. The main content area features a banner with the text 'Nursing Research: Changing Practice, Changing Lives' and a photo of a woman. Below the banner are several columns of text and links, including 'Research & Funding', 'Training', 'News & Information', and 'NINR Director Interviewed...'. At the bottom of the screenshot, the URL 'www.ninr.nih.gov' is displayed.
