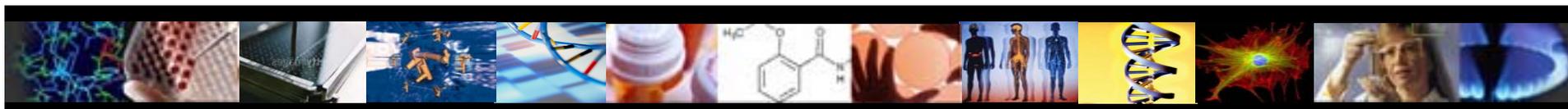
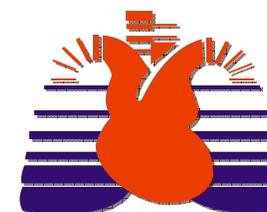


NIH Advisory Committee to the Director

Vision for the Future of the NHLBI: Opportunities and Challenges



Elizabeth G. Nabel, M.D.
Director
National Heart, Lung, and Blood Institute
National Institutes of Health
December 1, 2005



NHLBI Vision

- I. Basic biomedical research**
- II. Clinical investigations, trials, and networks**
- III. Longitudinal population studies**
- IV. Outreach programs to promote patient and public health**
- V. Training, mentoring, and education**
- VI. Health disparities**
- VII. International programs**
- VIII. Intramural Research**

Values

- **Excellence**
 - **Innovation**
 - **Integrity**
 - **Respect**
 - **Compassion**
- 

NHLBI Themes

- I. Stimulate the discovery of the causes of disease because these discoveries will lead to critically-needed, new treatments.**
- II. Speed the translation of these discoveries to clinical applications so people can benefit as quickly as possible.**
- III. Facilitate communication between scientists and physicians so that new ideas can be generated, shared, and advanced.**
- IV. Effectively communicate advances to the public to improve understanding of new promising science.**

Stimulate Basic Discoveries

I. Stimulate the discovery of the causes of disease because these discoveries will lead to critically-needed, new treatments.

- **Systems Biology**
- **Nanotechnology**
- **Proteomics/Clinical Proteomics**
- **Genomics**
- **Genotyping**
- **Pharmacogenetics**
- **Gene Transfer**
- **RNA Interference**
- **Tissue Engineering**
- **Cellular and Molecular Imaging**

Speed Translation to Clinical Applications

II. Speed the translation of these discoveries to clinical applications so people can benefit as quickly as possible.

- **Translational Research Studies**
- **Clinical Trial Networks**
- **Clinical Workforce Training**

- **Gene Based Clinical Trials**
- **Genome Wide Association of Large NHLBI Cohort Studies**

Facilitate Communication

- III. Facilitate communication between scientists and physicians so the new ideas can be generated, shared, and advanced.**
 - **Focus on Scientists within Teams**
 - **New Investigator Support**
 - **Co-PI Status**
 - **Emphasis on Training and Mentoring**

NHLBI Policy on New Investigator

Identify strategies to facilitate the ability of investigators to receive a first independent research award earlier in their careers.

Percentile and Duration

■ Increase New Investigator Percentile Paylines (FY 2006)

- The New Investigator payline will be 5 percentile points beyond the established RPG payline.
- Those New Investigator applications > 5 and ≤ 10 points beyond the RPG payline may undergo an expedited administrative review.

■ No reduction in duration of awards – will be funded for 5 years, if requested.

Administrative Review

- For applications > 5 and ≤ 10 percentile points beyond the RPG payline:
- NHLBI staff will identify R01 applications that meet the New Investigator criteria and request a 3-5 page response.
- Applicants will submit a response to address the major concerns and criticisms in their Summary Statements.
- Division staff will assess the appropriateness of a response and make a funding recommendation to the Institute Director.
- The Council will be apprised of New Investigator awards made at the subsequent Council meeting.

Effectively Communicate Advances

- **Effectively communicate advances to the public to improve understanding of new promising science.**

Heart Truth Red Dress Program

<http://www.nhlbi.nih.gov/health/hearttruth/index.htm>

National Heart, Lung, and Blood Institute



U.S. Department of Health and Human Services | National Institutes of Health



■ HEART TRUTH HOME ■ CONTACT ■ SITE INDEX ■ EN ESPAÑOL ■ NHLBI

Friday, February 4, 2005

NATIONAL WEAR *red* DAY



Friday, February 4, is National Wear Red Day. Join Americans nationwide by wearing red to raise awareness that heart disease is the #1 killer of women. For promotional ideas and resources, visit the [Wear Red Day Online Toolkit](#).

WHAT IS THE HEART TRUTH?

HEART TRUTH EVENTS

HEART TRUTH PARTNERS

STORIES FROM THE HEART

LOWER HEART DISEASE RISK

MENOPAUSAL HORMONE THERAPY

CAMPAIGN MATERIALS

PRESS ROOM



The Red Dress Collection 2005 will debut in February. [Fashion Show >](#)



The Red Dress Pin—the national symbol for women and heart disease awareness. [Ordering Information >](#)



First Lady Laura Bush serves as the ambassador for *The Heart Truth* campaign. [More in Events >](#)



Get all of the information, ideas, and materials you will need to plan your own *Heart Truth* event. [Online Toolkit >](#)



The Heart Truth Road Show visited malls in five cities to deliver an urgent heart health wake-up call to women. [Road Show >](#)



Find out what others are doing to spread the word and share your organization's *Heart Truth* activities. [Activity Registry >](#)





We can!

Ways to Enhance Children's Activity & Nutrition

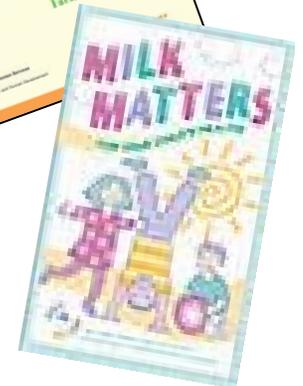
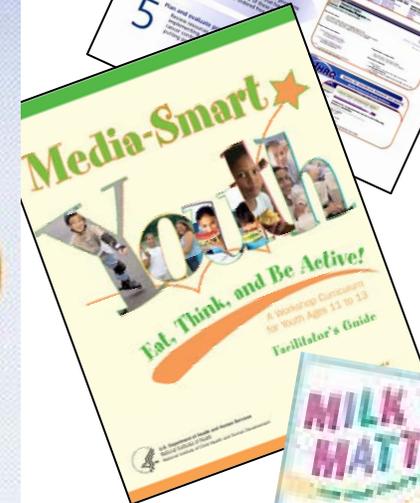
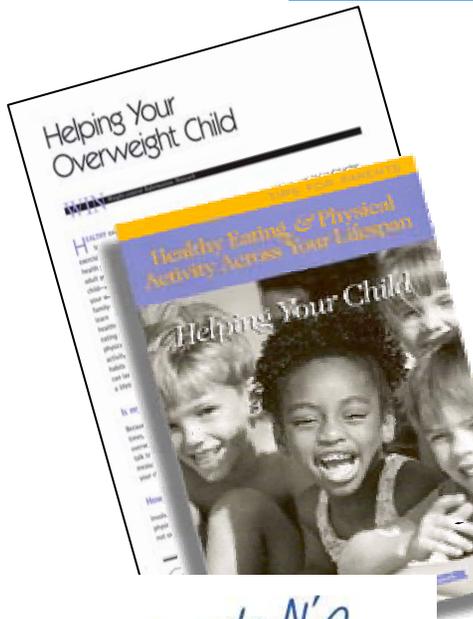
Scientific basis – NIH-funded Dietary Intervention Study in Children



Department of Health and Human Services ■ National Institutes of Health

National Heart, Lung, and Blood Institute
National Institute of Diabetes and Digestive and Kidney Diseases

National Institute of Child Health and Human Development
National Cancer Institute



NHLBI Strategic Plan

Goal:

**Develop a scientific
working plan or blueprint
for the next decade.**

Scientific and Operational Questions

- **What are the most pressing scientific opportunities and challenges in heart, lung, blood, and sleep research?**
- **What are the obstacles to progress, and what must be done to overcome them including needed technologies and resources?**
- **How should NHLBI business operations be changed to facilitate this research?**
- **How is the NHLBI uniquely positioned to enable the community to address these opportunities and challenges?**

Planning Principles

- **Identify scientific directions for which the NHLBI is well positioned to make major contributions.**
- **Evaluate NHLBI operational policies - such as mechanisms of support for clinical research, new investigator and trainee support, etc.**
- **Ensure that the process is inclusive, with NHLBI grantees and other constituents having an active role.**
- **Engage intramural and extramural Institute staff in a common discussion of future directions.**
- **Include implementation steps and provide for ongoing evaluation.**

Planning Process



- **Level 1** - Identify Research Program Themes
- **Level 2** – Identify Institute-wide Strategic Themes and draft the Strategic Plan
- **Level 3** - Review, revise, and finalize the Strategic Plan

Planning Timeframe



