

Center to Reduce Cancer Health Disparities

Presentation to the

National Cancer Advisory Board

Harold P. Freeman, MD

Director

June 10, 2003



Profound scientific advances have contributed to increased longevity and improved quality of life for many Americans.

However, a heavy burden of disease is borne by some population groups, especially the poor and underserved.



There is a critical disconnect
between cancer discoveries
and cancer care delivery
to the American People.

The unequal burden of disease
is a challenge to science
and a moral and ethical dilemma
for our nation.

NCI's Challenge Goal:

To eliminate suffering and death
due to cancer by 2015

CRCHD Presentation Outline

- **The Organization**
- CRCHD: An Integral Part of NCI
- Disparities Research
- Health Policy Research
- Future Research Directions

CRCHD Mission

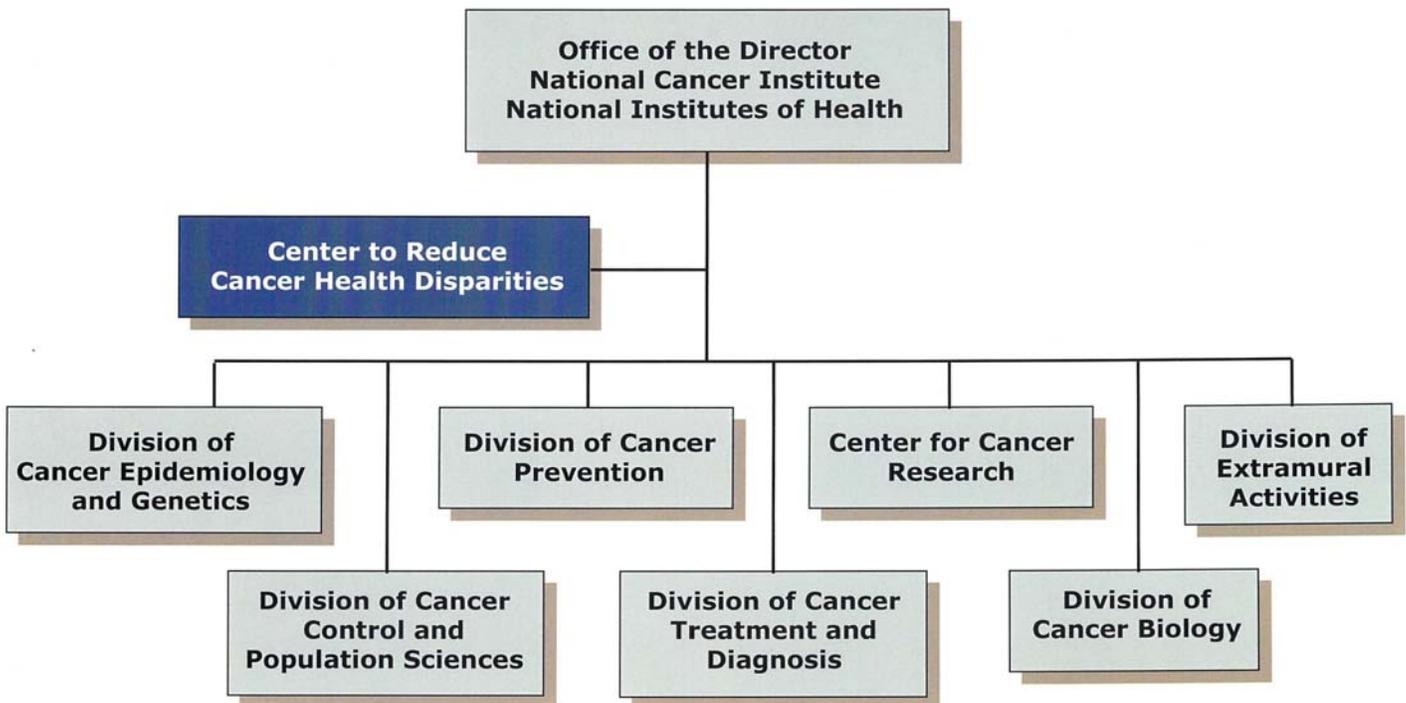
The Center to Reduce Cancer Health Disparities is the cornerstone of NCI's efforts to reduce the unequal burden of cancer in our society. As the organizational focus for these efforts, the Center directs implementation of and supports initiatives that:

- Advance understanding of the causes of health disparities
- Develop and integrate effective interventions to reduce or eliminate these disparities

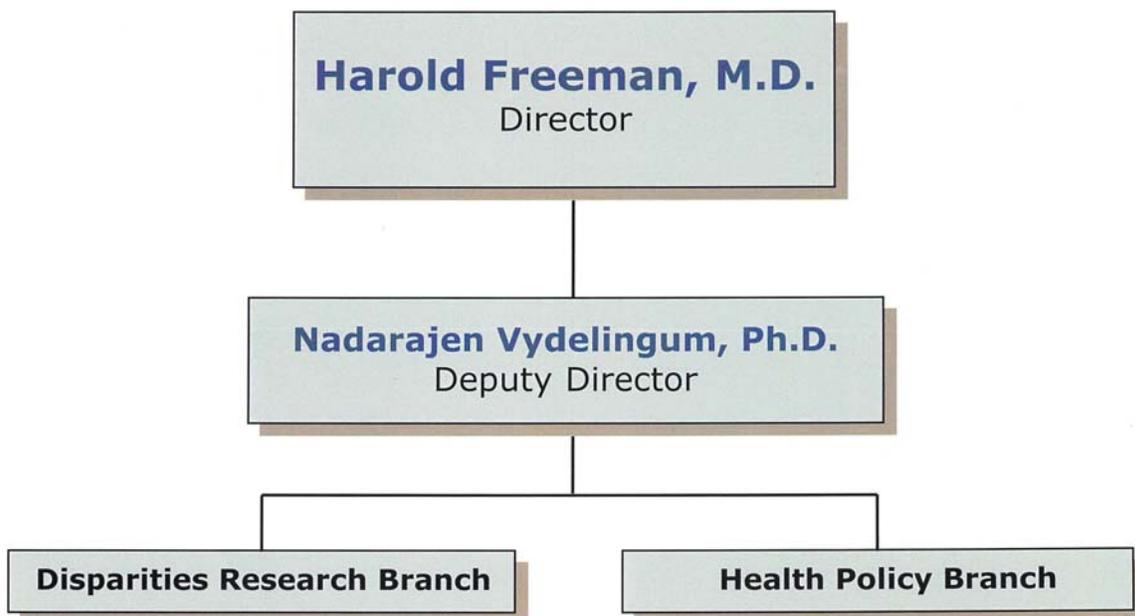
Addressing Minority Health and Health Disparities at NCI—Historical Background

- 2000 NCI identifies reducing cancer-related health disparities as a new challenge in the FY2002 Bypass Budget
- 2001 NCI Director elevates and expands the Office of Special Populations Research to Center status and appoints Dr. Harold Freeman as Director—cancer health disparities are a high priority
- 2003 NCI Director further elevates cancer health disparities by challenging NCI to eliminate suffering and death due to cancer by 2015

Organizational Structure of CRCHD Within NCI



The Center as the Cornerstone of NCI's Efforts to Eliminate Cancer Health Disparities

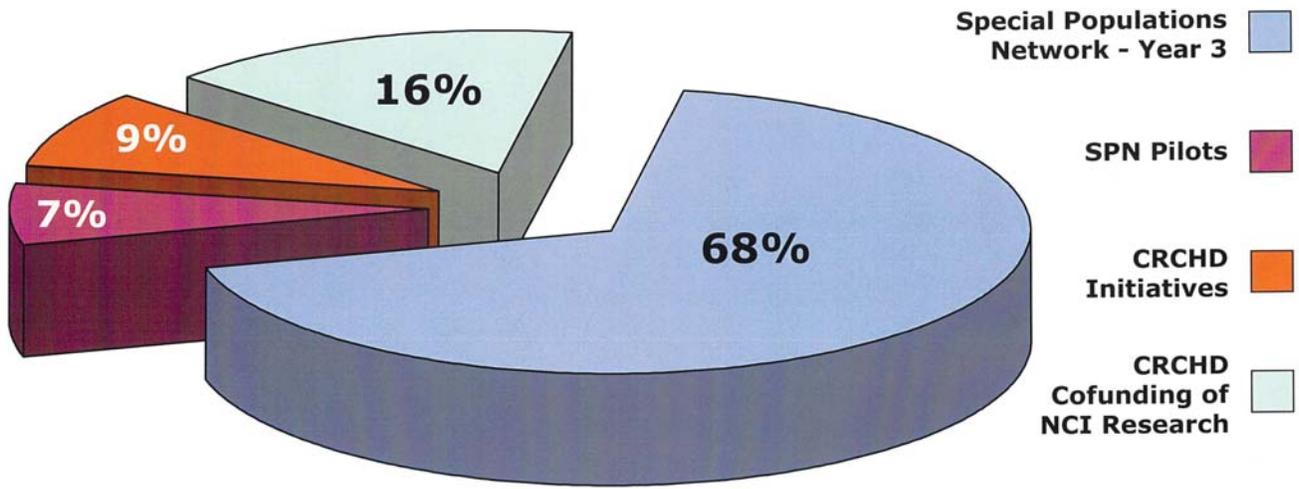


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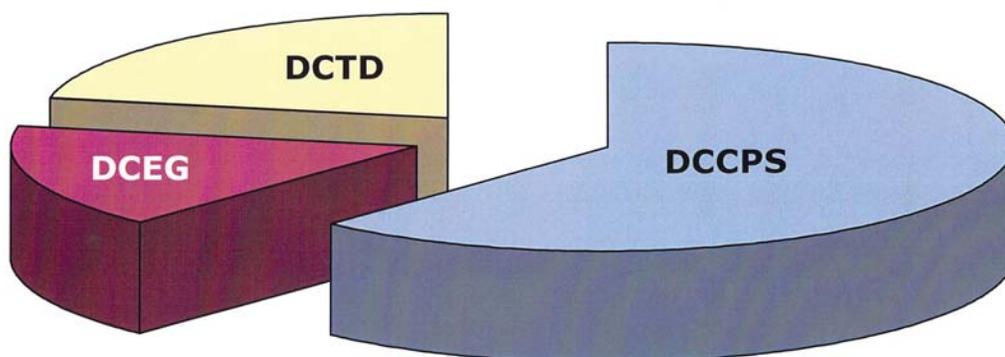
CRCHD FY2002 Obligations by Major Initiative

Total = \$20.4 million



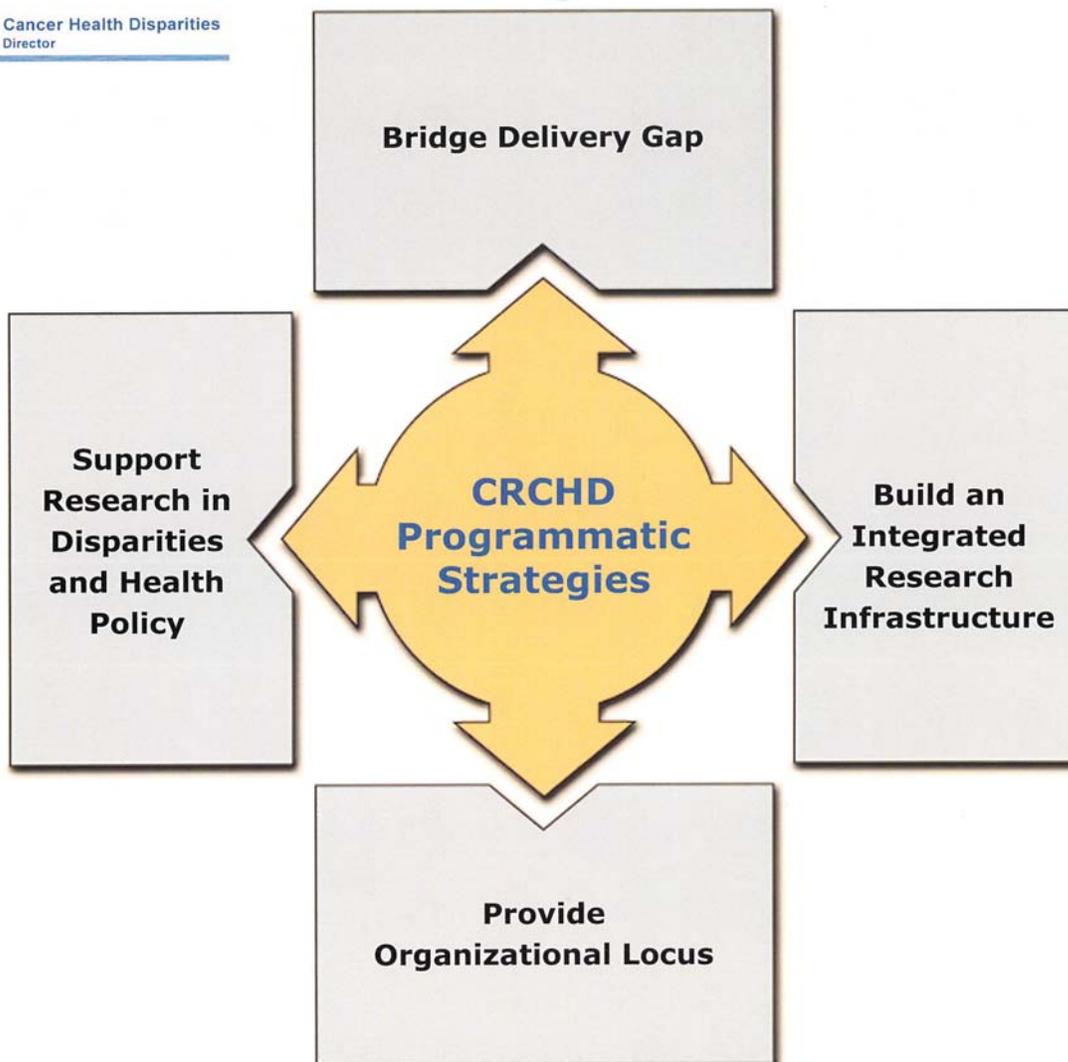
CRCHD FY2002 Obligations by NCI Division

Total = \$1.5 million (16% of FY02 budget)



FY2002–2003 Initiatives Cofunded by CRCHD

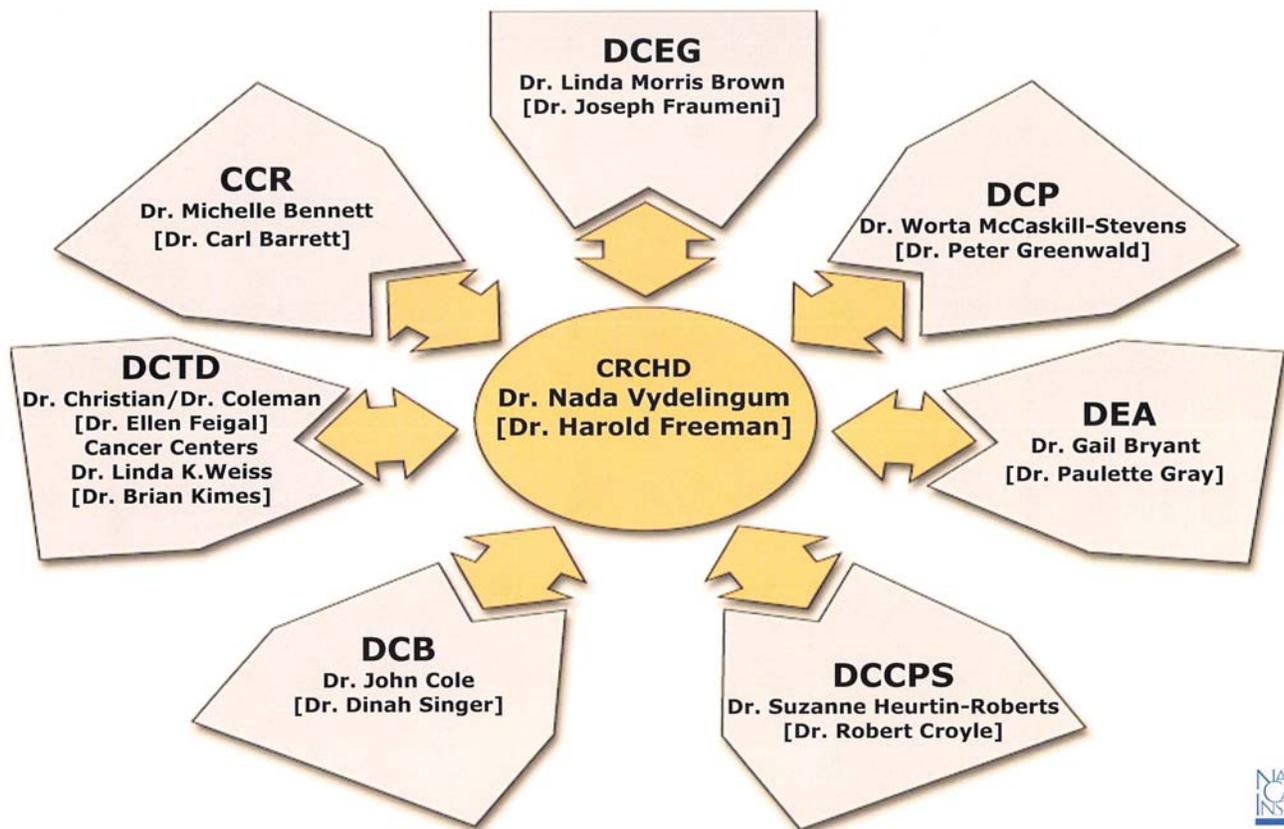
- Southern Community Cohort Study (DCCPS)
- Survey of Prostate Cancer in Accra, Ghana (DCEG)
- Physicians Communication Module Program (DCTD)
- Navigator Concept Evaluation (DCTD)
- Collaboration With Radiation Research Program (DCTD)
- Collaboration With Indian Health Service (IHS)
- Pacific Rim Project (NCMHD & DHHS/OSP)
- **Five-to-Nine-A-Day Program** (DCCPS)
- National Conferences (OMH) and DHHS Initiatives



CRCHD—An Integral Part of NCI

- CRCHD actively seeks participation from the NCI Divisions in planning, developing, implementing, and evaluating its initiatives
- Broad NCI participation in these efforts promotes accountability and effective use of resources

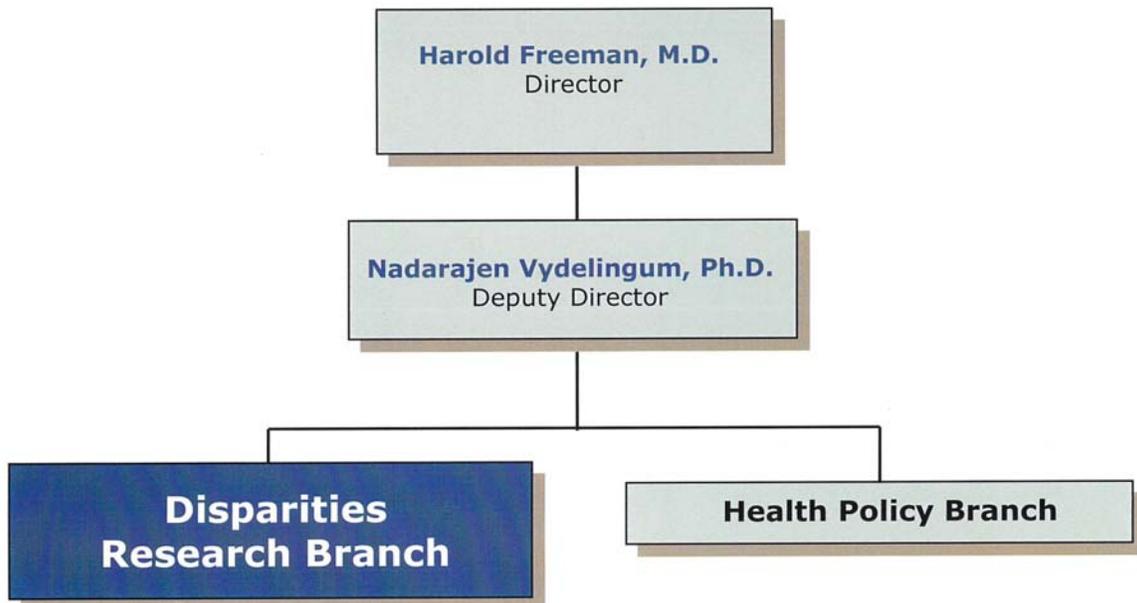
NCI's Health Disparities Working Group



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Disparities Research



Disparities Research Focus

- Support research programs that address scientific questions pertinent to low-income, minority, and underserved populations
- Develop concepts for new programs with potential to close the gap between discovery and delivery
- Create a unique network of partnerships to leverage support for disparities research

Special Populations Networks (SPNs)

April 2000–March 2005

Phase I

- Increase cancer awareness
- Interface with the community
- Develop a community-based research infrastructure

Phase II

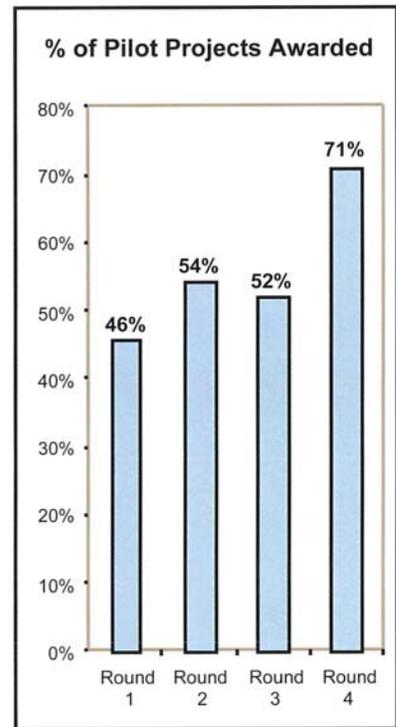
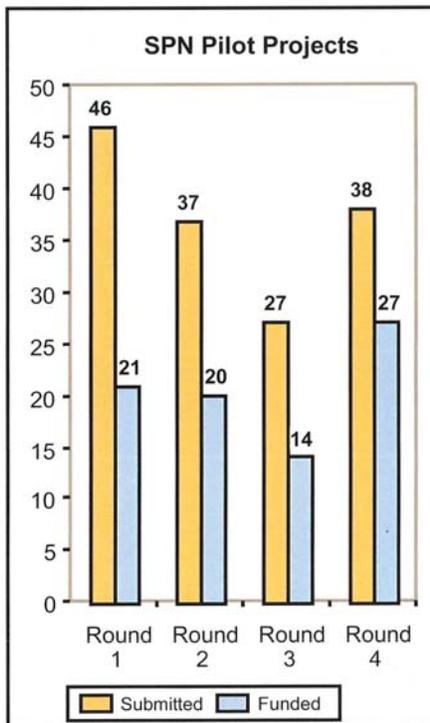
- Establish partnerships with NCI Cancer Centers and other research institutions
- Partner with NCI Clinical Trials Cooperative Groups to enhance minority participation in clinical trials
- Improve research training opportunities for minority junior biomedical researchers

SPN Pilot Project 1-Year Awards

SPN Pilot Projects:

148 pilot project applications submitted in 4 rounds, representing about 120 first-time minority/underserved investigators

- 82 awarded after peer review
- \$4,100,000 in pilot project awards



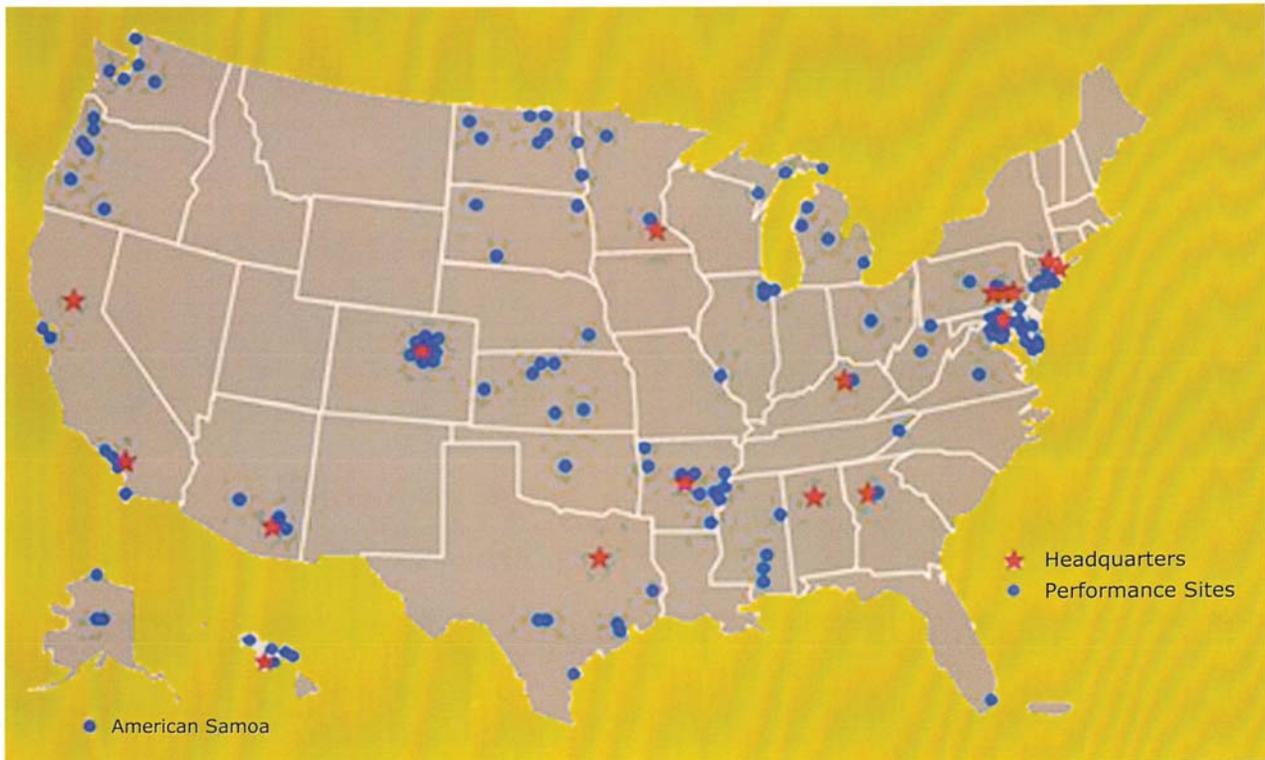
Research Topics of SPN Pilot Projects Funded Through 4 Peer-Review Cycles

- Tobacco cessation
- Colorectal cancer screening
- Cervical cancer screening
- Breast cancer screening and diagnosis
- Prostate cancer screening
- Quality of life of cancer survivors
- Physician education and training
- Information development for minority populations
- Use of culture to cope with cancer
- Recruitment to clinical trials
- Effectiveness of lay health workers
- Nutrition intervention
- Attitudes and behaviors of special populations
- Cancer survivor groups

Phase III: The Final Two Years

- Perform community-based research with development of pilot projects
- Develop investigator-initiated research grant applications from pilot projects developed in Phase II

Special Populations Networks for Cancer Awareness Research and Training



Example of an Exemplary SPN Grantee's Program (Temple University)

- Asian Tobacco Education–Cancer Awareness and Research Program
- Target populations: Chinese, Vietnamese, Koreans, and Cambodians
- 64 New Partnerships—academic, research, state/local government, and community organizations
- 30 community-based organizations forming a new CBO, Asian Cancer Control Coalition
- Outreach to 28,867 Asian Americans in greater metropolitan area
- Trained 996 Asian students and adults in 81 tobacco and cancer control workshops
- 4 mini-grants to community involving 928 people
- 3 scientific research peer-reviewed pilot projects funded
- 24 Asian junior researchers trained or in training
- 23 manuscripts published or prepared for publication

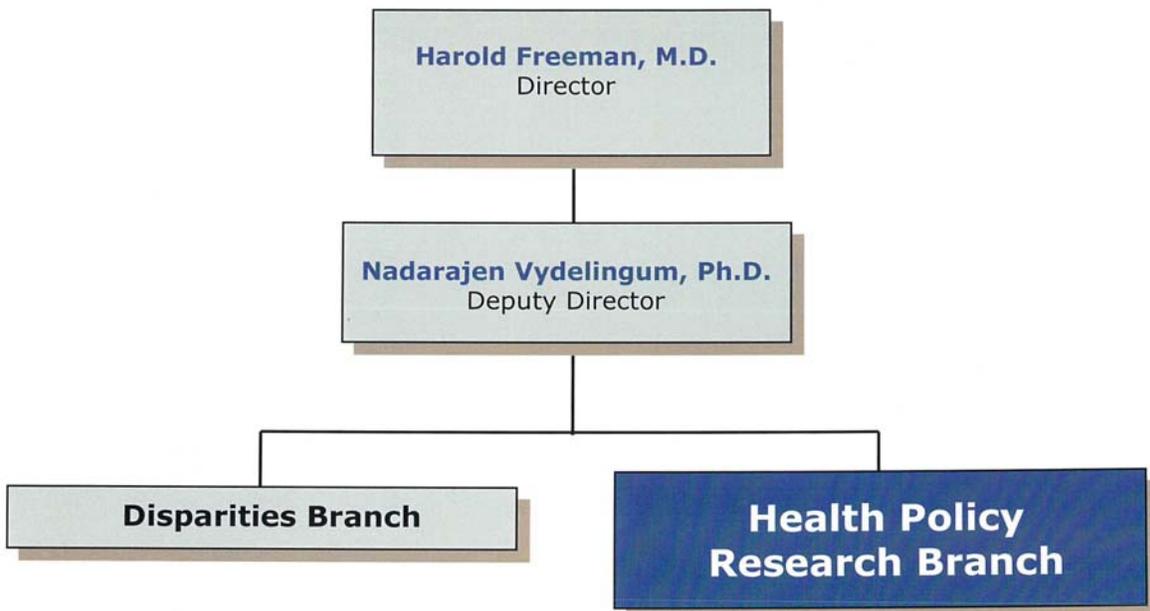
Annual SPN Summit Meetings

- More than 300 SPN participant attendees
- Opportunities for scientific networking
- Posters by pilot investigators
- **Next meeting—July 13-15, 2003**

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Health Policy Research



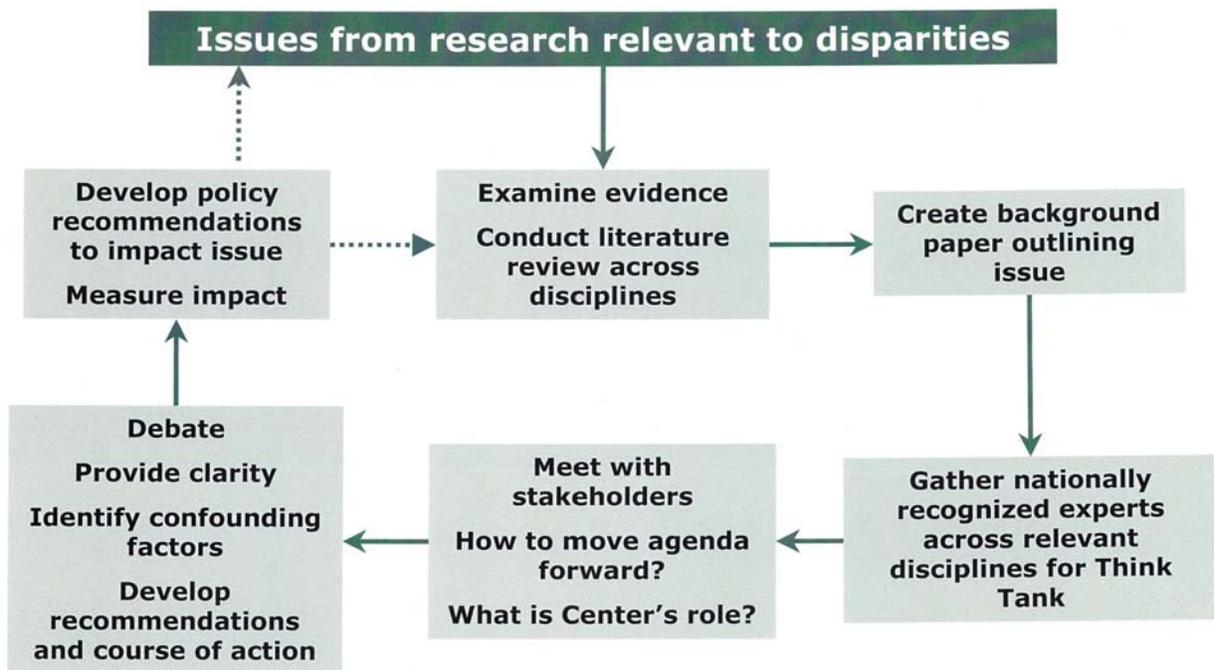
Health Policy Research

- Identify and explore issues related to cancer health disparities
- Develop a better understanding of variables that underlie disparities
- Evaluate and validate these findings and formulate strategic recommendations
- Communicate these recommendations to decision makers to inform the process of health policy development

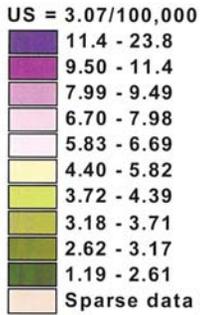
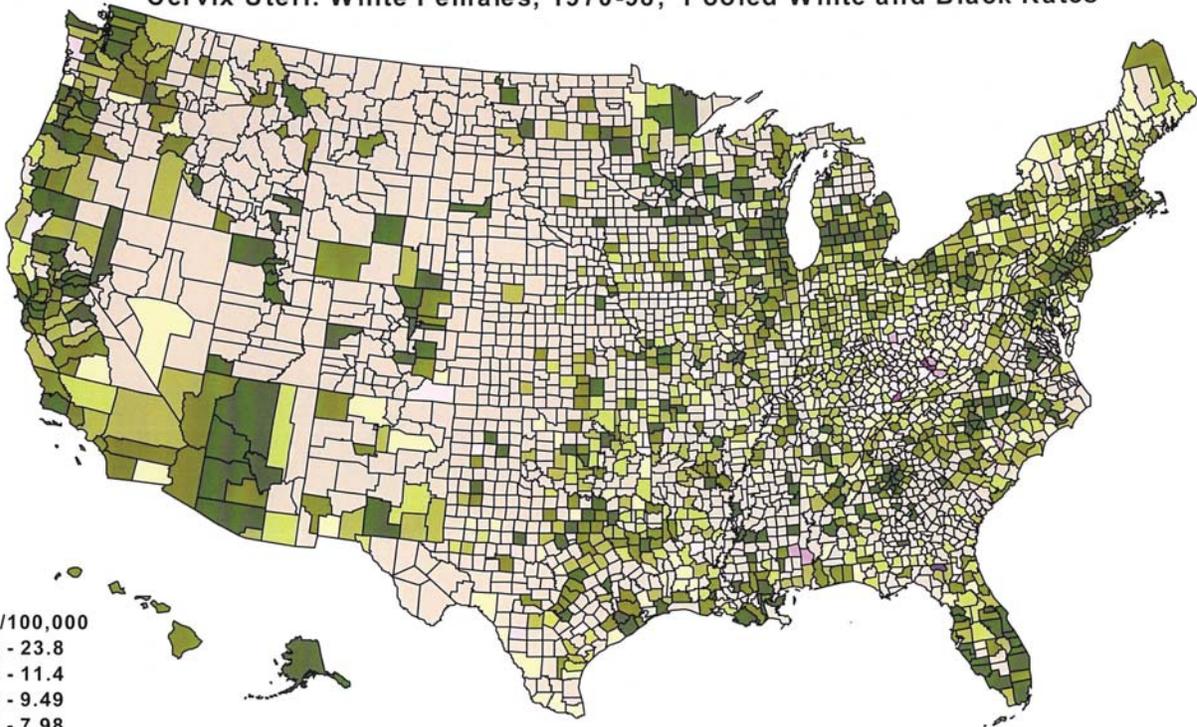
Examples of Health Policy Initiatives

- Conducted Multidisciplinary “Think Tanks”:
 - The “Racialization” of Populations, Society, Science, and the Healthcare System
 - Excess Mortality from Cervical Cancer—A Marker for the Health of Poor Women
- Partnered with Dr. Collins, Director of the NHGRI, to examine the fundamental nature of race as related to genetics and genomics
- Instituted a trans-NIH lecture series on health disparities

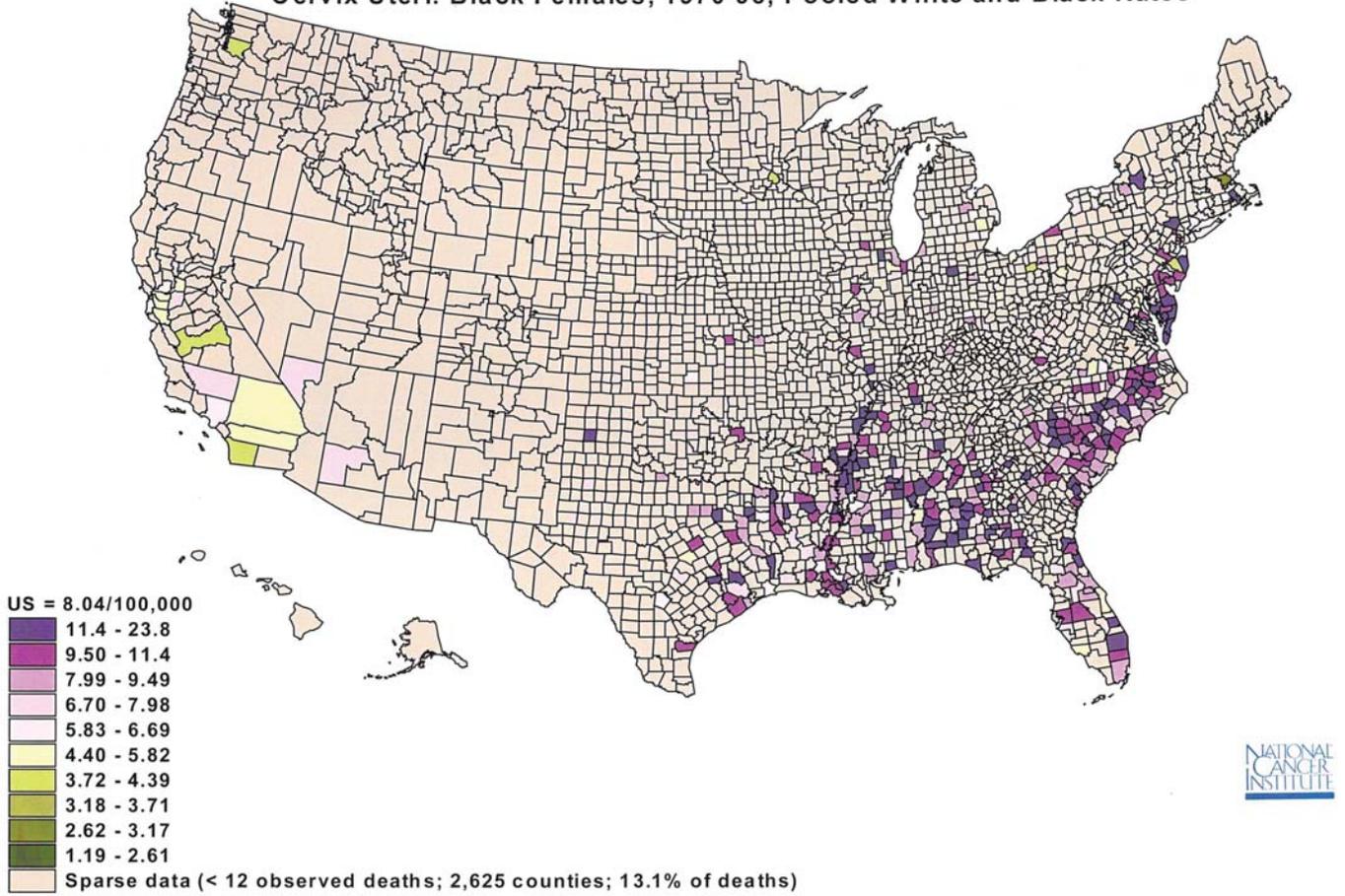
Think Tank Model—Design and Purpose



**Cancer Mortality Rates by County (Age-adjusted 1970 US Population)
Cervix Uteri: White Females, 1970-98; Pooled White and Black Rates**



**Cancer Mortality Rates by County (Age-adjusted 1970 US Population)
Cervix Uteri: Black Females, 1970-98; Pooled White and Black Rates**



A Result of the Cervical Cancer Think Tank

Continuing dialogue with

- CMS** Medicaid, Medicare
- CDC** Breast and Cervical Cancer Screening
- HRSA** Bureau of Primary Care
- AHRQ** Health Services Evaluation
- SPNs** Pilot Sites for Joint Interventions
- NCI** Program Support from NCI Divisions

to close the gap between discovery and delivery.

Special Lecture Series on Cancer Health Disparities



J. Wayne Flynt, Ph.D.
Poor Whites and Health

Dr. Flynt is the author of ten books, including *Dixie's Forgotten People: The South's Poor Whites* and *Poor But Proud: Alabama's Poor Whites*. His lecture provided insight into the impoverishment of whites in America and the resulting implications for their medical care.



Michael Omi, Ph.D.
**Counting in the Dark: Racial Classification, the Census,
and the Concept of Race**

Dr. Omi is the author of *Racial Formation in the United States*. His lecture addressed how we understand the necessity of racial classification and its meaning for group claims of recognition, the formation of multiracial identities, and social issues such as racial profiling.



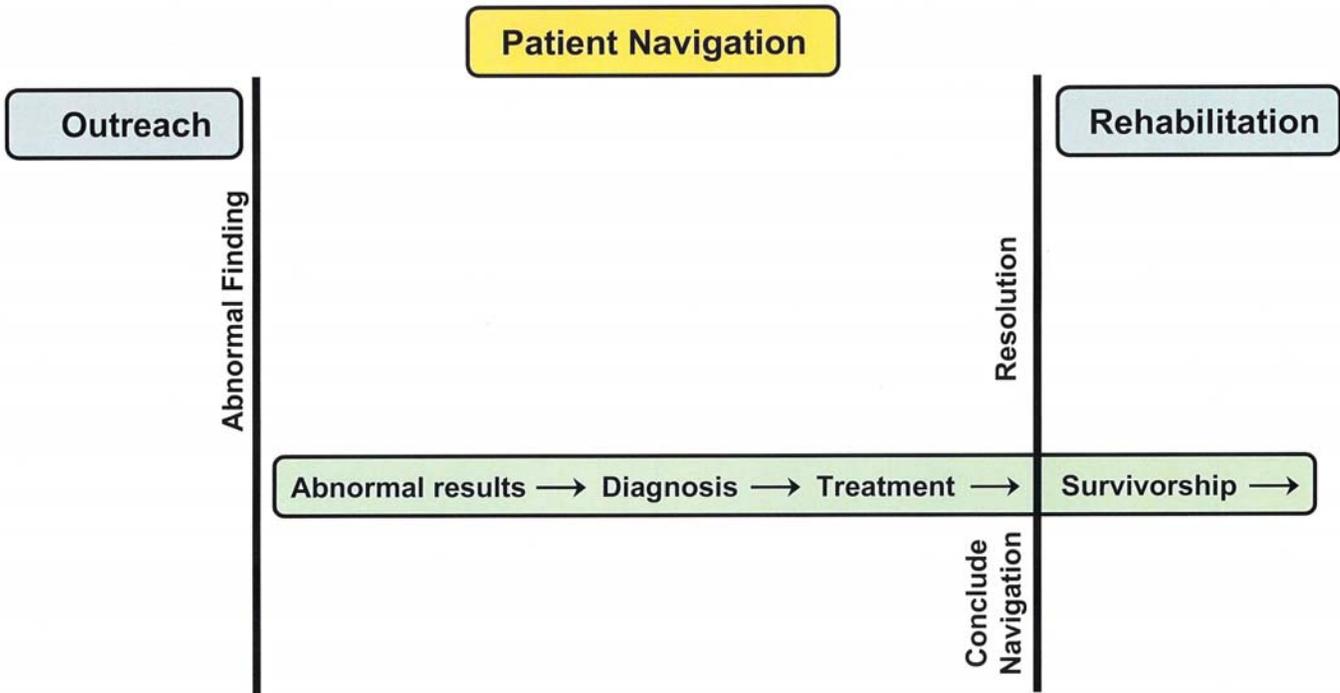
Thomas C. Holt, Ph.D.
**Reflections on The Problem of Race
in the 21st Century After 9/11**

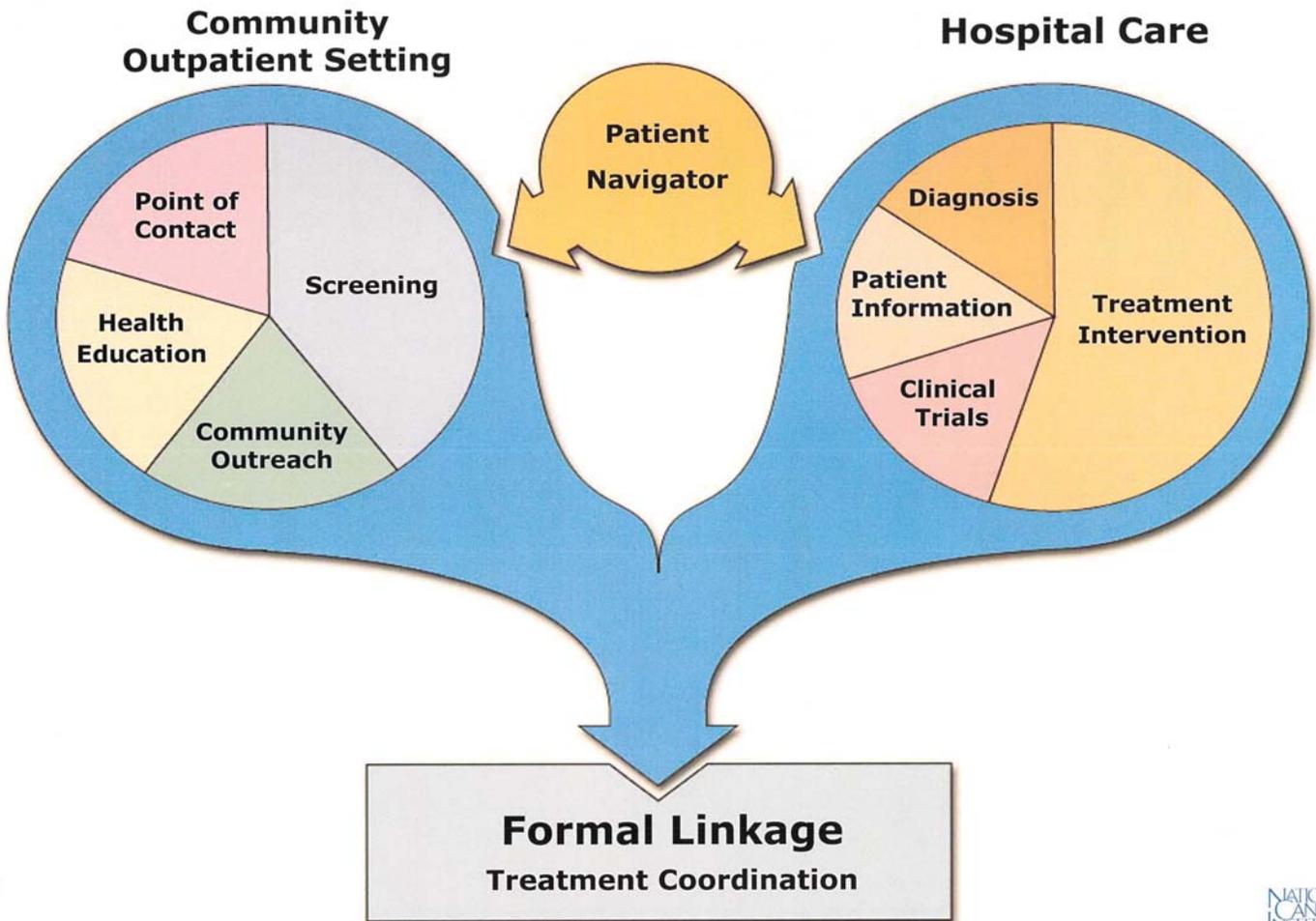
Dr. Holt is the author of *The Problem of Race in the 21st Century*. His lecture provided insight into the impact of race and racism on the U.S. economy and consumer culture.

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Intervention Research

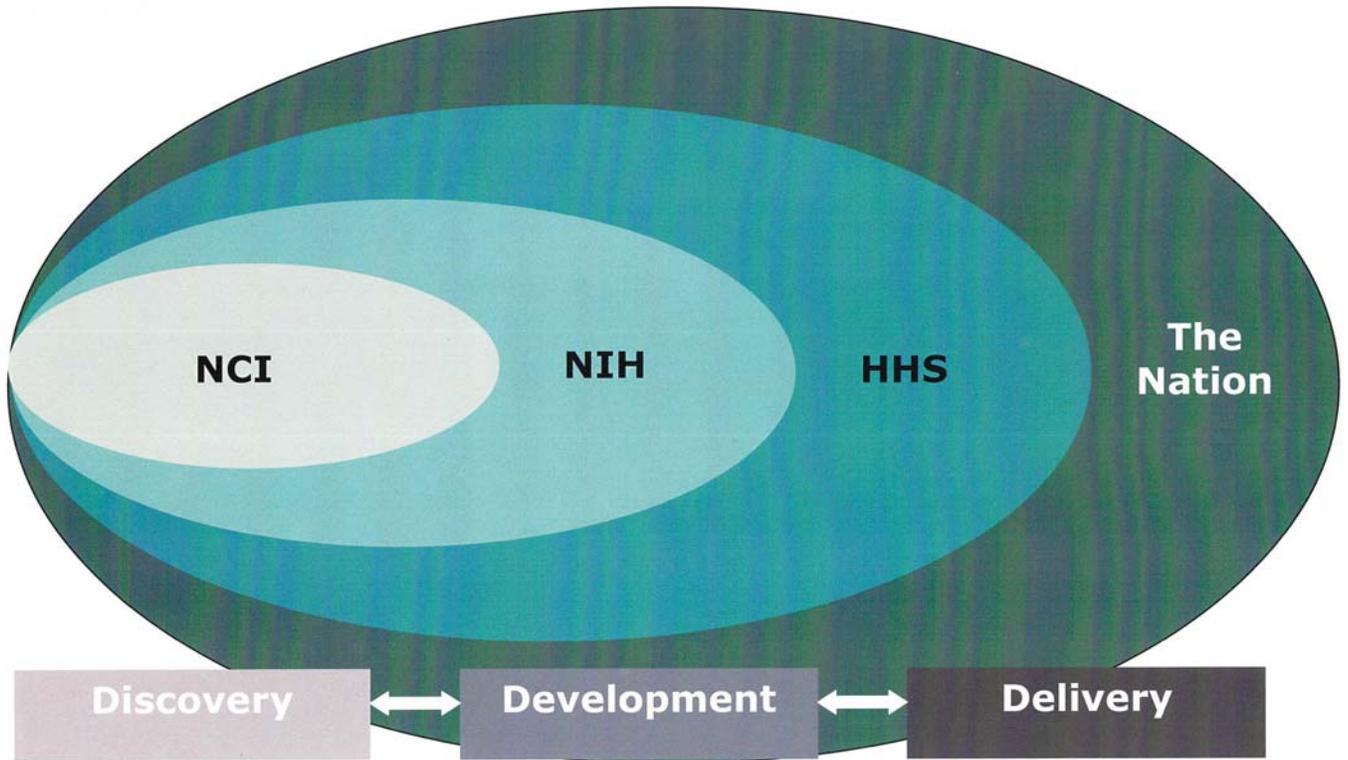




Pilot Patient Navigator Programs



Model for HHS Cancer Health Disparities Progress Review Group



CRCHD Staff

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Meetings and Conferences

Jacobs Institute of Women's Health and the Commonwealth Funds' Annual Symposium "Disparities Among Women of Color"
Society of Black Academic Surgeons and Morehouse School of Medicine Twelfth Annual Scientific Session
National African American Breast Cancer Conference "African American Breast Cancer Survivor"
Komen Foundation Patient Navigation Symposium
8th Biennial Symposium on Minorities, the Medically Underserved and Cancer
Reflection on the Causes of Health Disparities at the Principles and Practice of Cancer Prevention and Control
NAACCR Conference
70th Annual Conference of Mayors
National Cancer on Dialogue on Cancer
Annual Redes En Accion National Steering Conference
AACR - American Association for Cancer Research "Minorities and Underserved Populations in Cancer Prevention"
Medicare and Medicaid Conference at Brandeis University
Premier International Meeting
Association of Academic Minority Physicians
Annual APHA - Equal Health Opportunity Meeting
National Conference on Tobacco Health Disparities Conference
Intercultural Cancer Coalition (ICC) Network Board on the Patient Navigator System
Colorectal Cancer Screening Home Conference
Annual Medical Education Conference
National Centers of Excellence in Women's Health Forum