



American Society for
Therapeutic Radiation
and Oncology
(ASTRO)



Center to Reduce Cancer Health Disparities Program Overview



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September 22, 2008



CRCHD Mission

- **Strengthen NCI's cancer health disparities portfolio in basic, clinical, translational and community-based participatory research.**
- **Lead NCI's efforts in the training of students and investigators from diverse populations who will be part of the next generation of competitive researchers in cancer and cancer health disparities**

CRCHD Programs

Basic Research

Community-Based
Participatory Research

Clinical Research



MI/CCP



CNP



PNRP

CURE





Minority Institution - Cancer Center Program (MI/CCP)

- The purpose of the MI-CCP is to build research capacity and training at MSIs, and to improve effectiveness of CC research, education and outreach for underserved populations

MI/CCP Synergistic Partnership Model



MI/CCP Cooperative Agreements

- Johns Hopkins & Howard University CC
- Vanderbilt–Ingram CC & Meharry Medical College
- UT MD Anderson CC & Univ. of Puerto Rico Medical School
- Arizona CCC & Northern Arizona University
- Herbert Irving CCC & Long Island University

- UAB CCC & Morehouse School of Medicine & Tuskegee Univ.
- Memorial Sloan-Kettering CC & City College of NY
- UCSF CCC & San Francisco State Univ.
- UCSD CCC & San Diego State Univ.
- Fred Hutchinson CRC & New Mexico State Univ.

- Greenbaum CC at Univ. of MD & UMES
- Lombardi CCC & Univ. of DC

- Cancer Research Center of Hawaii & Univ. of Guam
- UCLA & Drew Univ.
- UNC Lineberger CCC & NC Central Univ.





Recent MI/CCP Activities

- Funding of 40 Research Projects in:
 - Breast Cancer
 - Prostate Cancer
 - Lung Cancer
 - Colorectal Cancer
 - Gynecologic Cancer
 - Head and Neck Cancer
- MI/CCP Funded Investigators Workshop
- New Grants Funded
- Peer Review Manuscripts
- Scientific Meetings: AACR, APHA, Experimental Biology
 - Including special forum on health disparities

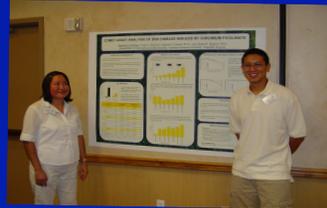




Training



Post-Docs



Medical Students
& Fellows



Master Students
& Pre-Docs



**881 Trainees
(2001-2007)**



Junior Faculty



Undergrad & Post-Bac



High School Students



Program Sustainability

- Scientific Publication and Presentation
 - Over 300 manuscripts in research and clinical journals
- Community Outreach
- New Funding Streams
 - Research Grants
 - Leveraging of funds from States and other sources



The NEW ENGLAND
JOURNAL of MEDICINE

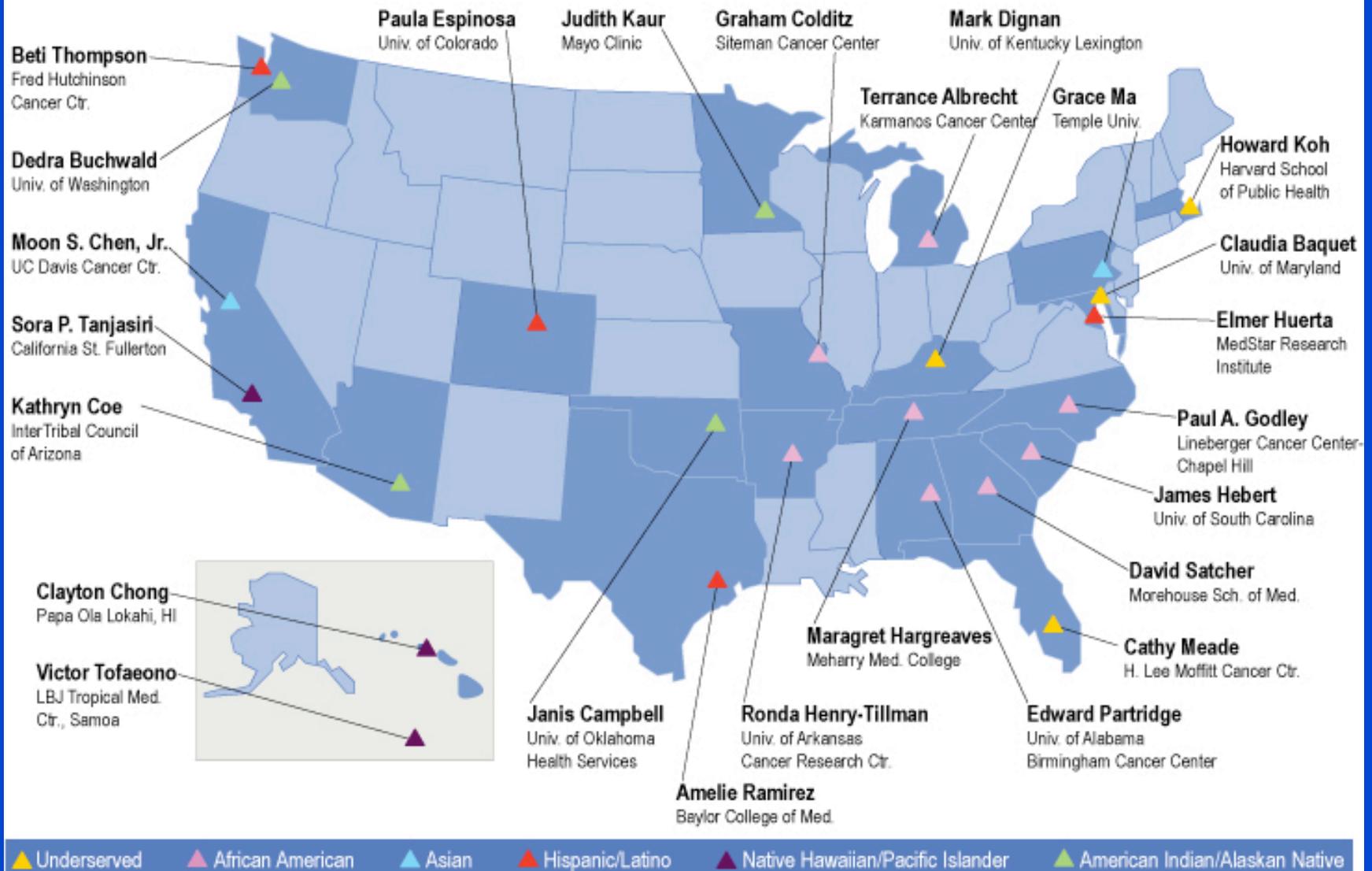


Community Networks Program (CNP)

- The purpose of the CNP is to reduce cancer health disparities through education, research, and training among racial/ethnic minorities and underserved populations by using the community-based participatory research (CBPR) approach



Community Networks Program





CNP Program Phases

2005

2006

2007

2008

2009

2010

Phase I: Capacity Building and Education

Phase II: Disparities Research and Training

Phase III: Establish Credibility and Sustainability



I. Capacity Building and Education

- Build Core Infrastructure
 - Local communities, primary and secondary prevention facilities, diagnosis and treatment facilities, government and non-government programs
- Participate in Community-Based Primary and Secondary Prevention Activities



II. Develop Disparities Research & Training Programs

- Address spectrum of research issues necessary to reduce disparities in the community
 - Develop community-based interventions
- Train researchers from minority/underserved populations in disparities research
- Develop pilot projects to reduce cancer disparities, including assessment of health policy



Innovative Strategies for Reaching Diverse Populations



Using Photovoice and GIS Mapping as a Tobacco Educational Approach for inner City and Pacific Islander Youth



Home Health Parties to Improve Cancer Screening in Hispanics



Communicating Across Boundaries: The Case for Story Mapping A Participatory Method





III. Establish Program Credibility and Sustainability

- Build Publication Record
 - Over 300 papers
- Leverage Funds
- Establish Community Partner as Grantee in Own Right
 - Imi Hale, Hawaii CNP



Patient Navigation Research Program (PNRP)

- The purpose of patient navigation is to provide individualized assistance to individuals with abnormal cancer screening or a cancer diagnosis by trained, culturally sensitive navigators familiar with the patient's community



Program Outcomes

- Timely resolution following an abnormal finding
- Timely access to quality, standard cancer treatment following a cancer diagnosis
- Patient satisfaction with the health care system
- Cost-effective patient navigator interventions

Patient Navigator Research Program Framework

PATIENT NAVIGATION

OUTREACH

Initial Contact

Abnormal Finding

- Abnormal finding/diagnosis to resolution
- Eliminate critical delivery gap for populations experiencing disparities
- Identify, test, and measure delivery improvement interventions that use Patient Navigators

Conclude Navigation

Resolution

REHABILITATION

Abnormal results → Diagnosis → Treatment

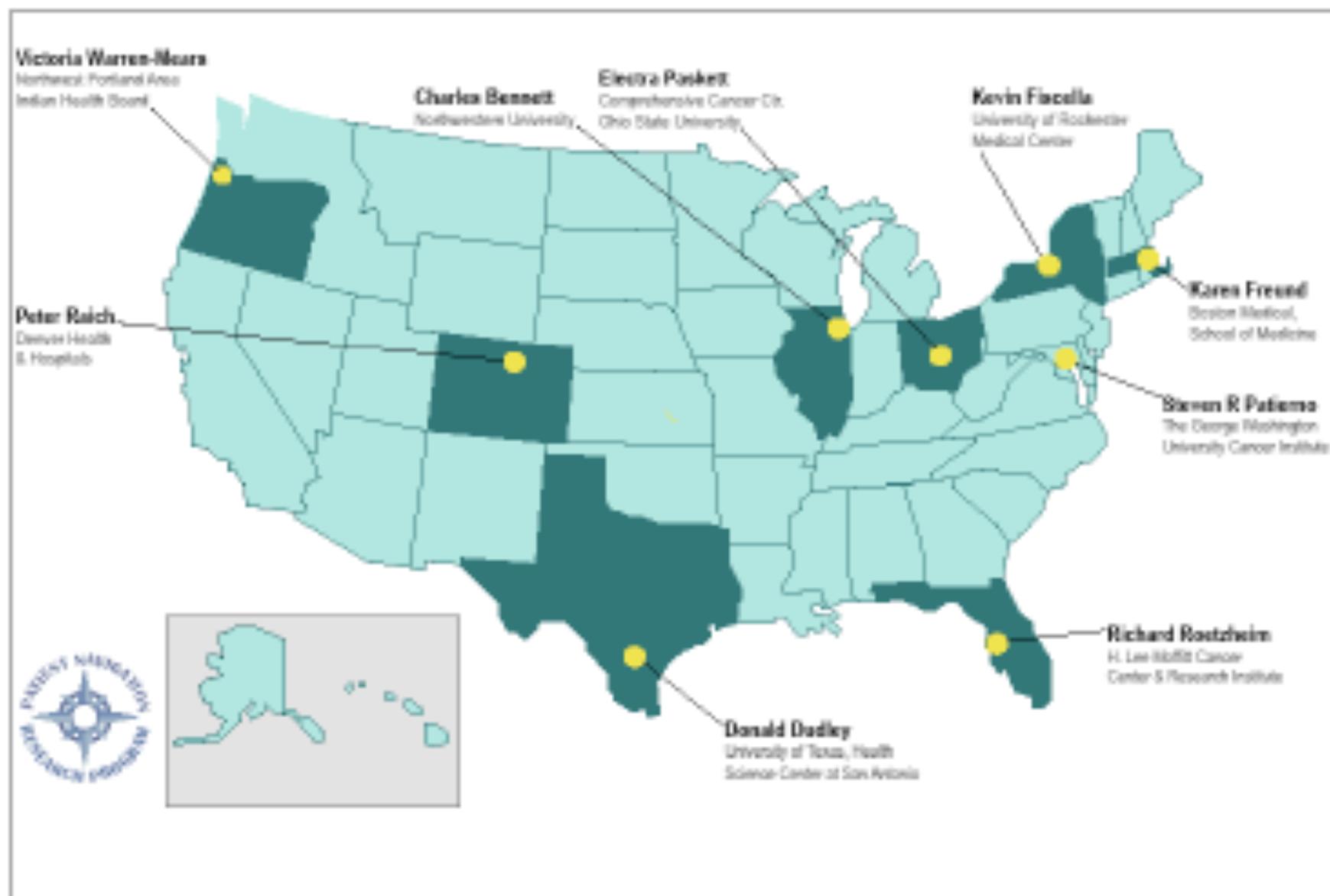


A Unique Partnership

- **Consisting of 9 Grantees**
 - 8 are funded by NCI
 - 1 (Ohio) is funded by ACS
 - Located throughout the US
 - Reaches African-American, Hispanic, Native American/Alaska Native and Medically Underserved population groups



PNRP GRANTEE SITES





Target Populations and Cancer Sites

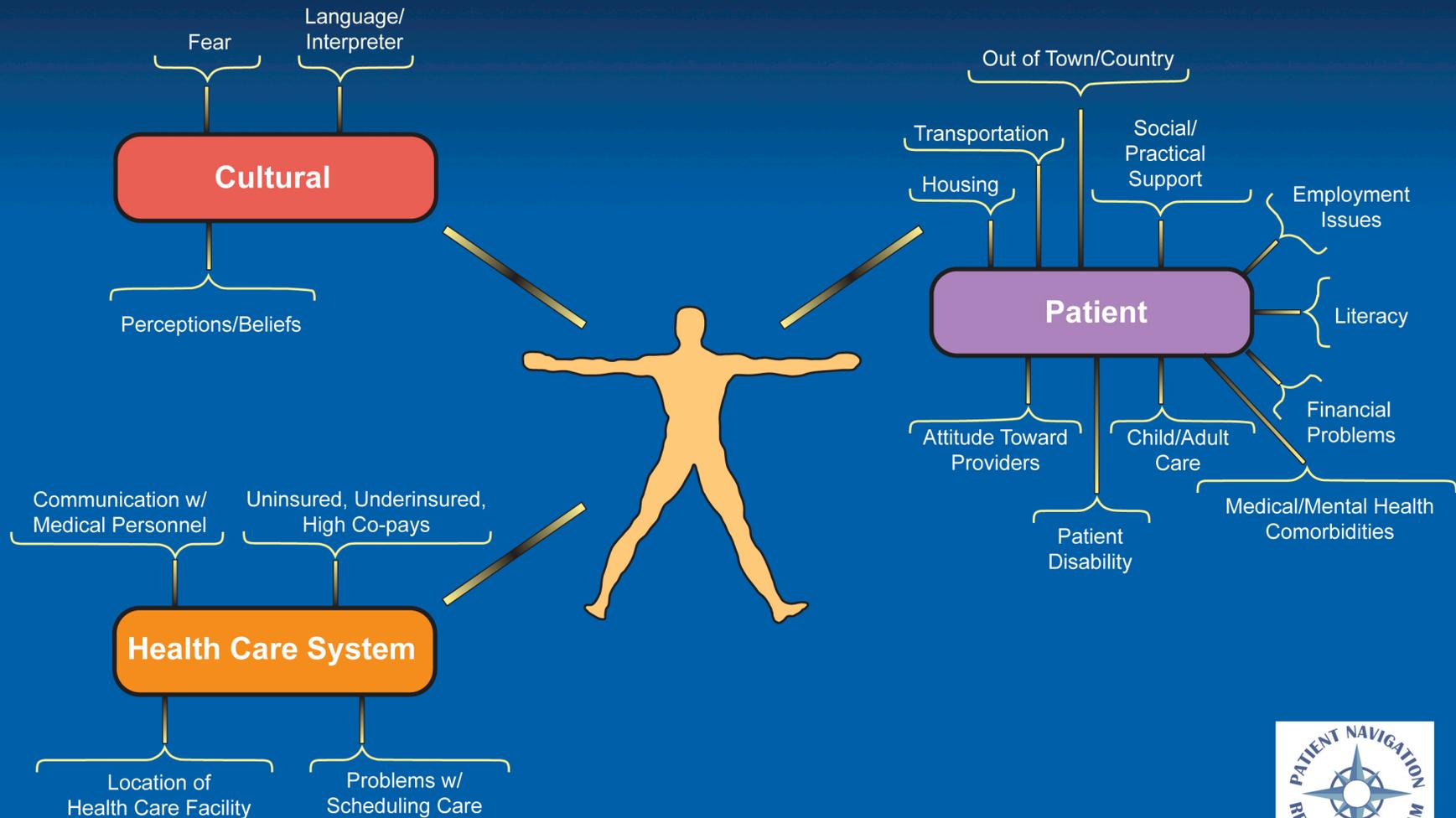
Northwestern—Chicago	Black, Hispanic/Latino	Breast, Cervical Colorectal, Prostate
UT—San Antonio	Hispanic/Latino	Breast, Cervical
University of Rochester	Underserved	Breast, Colorectal (C-R)
Boston Medical Center	Black, Hispanic/Latino, Underserved	Breast, Cervical
Northwest Indian Health	American Indian/Alaska Native	Breast, Cervical, C-R, Prostate
Ohio State University	Underserved	Breast, Cervical, C-R
GWU—Washington, DC	Black, Hispanic/Latino, Underserved	Breast
Denver HHA	Black, Hispanic/Latino, Underserved	Breast, C-R, Prostate
Moffitt—Tampa	Black, Hispanic/Latino, Underserved	Breast, C-R

The First Three Years

- Years 1-2
 - Infrastructure Building
 - Partnerships and Collaborations
 - Formative Research
- Year 3
 - Patient Intervention
 - Data Collection



Common Cancer Care Barriers





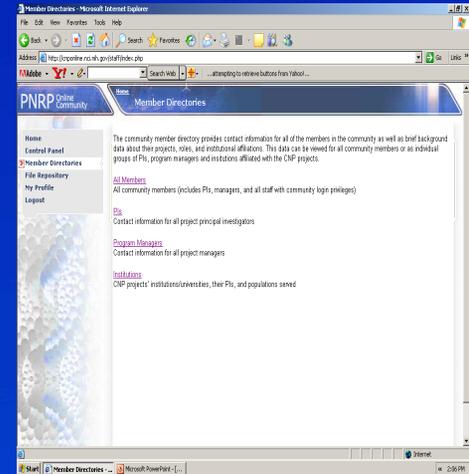
What do Navigators Do?

- Navigators work to eliminate or reduce barriers, by ...
 - Finding appropriate financial aid
 - Identifying and scheduling appointments
 - Arranging transportation and child care during appointments
 - Providing translation/interpretation services
 - Ensuring coordination among medical providers
 - Patient education



Navigator Training

- Enhance professional development of patient navigators and their supervisors, as part of a national, centralized training program for patient navigation
 - 3rd 3-Day National Training Workshop Sponsored by ACS in Atlanta from November 12-14, 2008
 - NCI Web-based Continuing Education
- Ongoing Site-specific Local Training



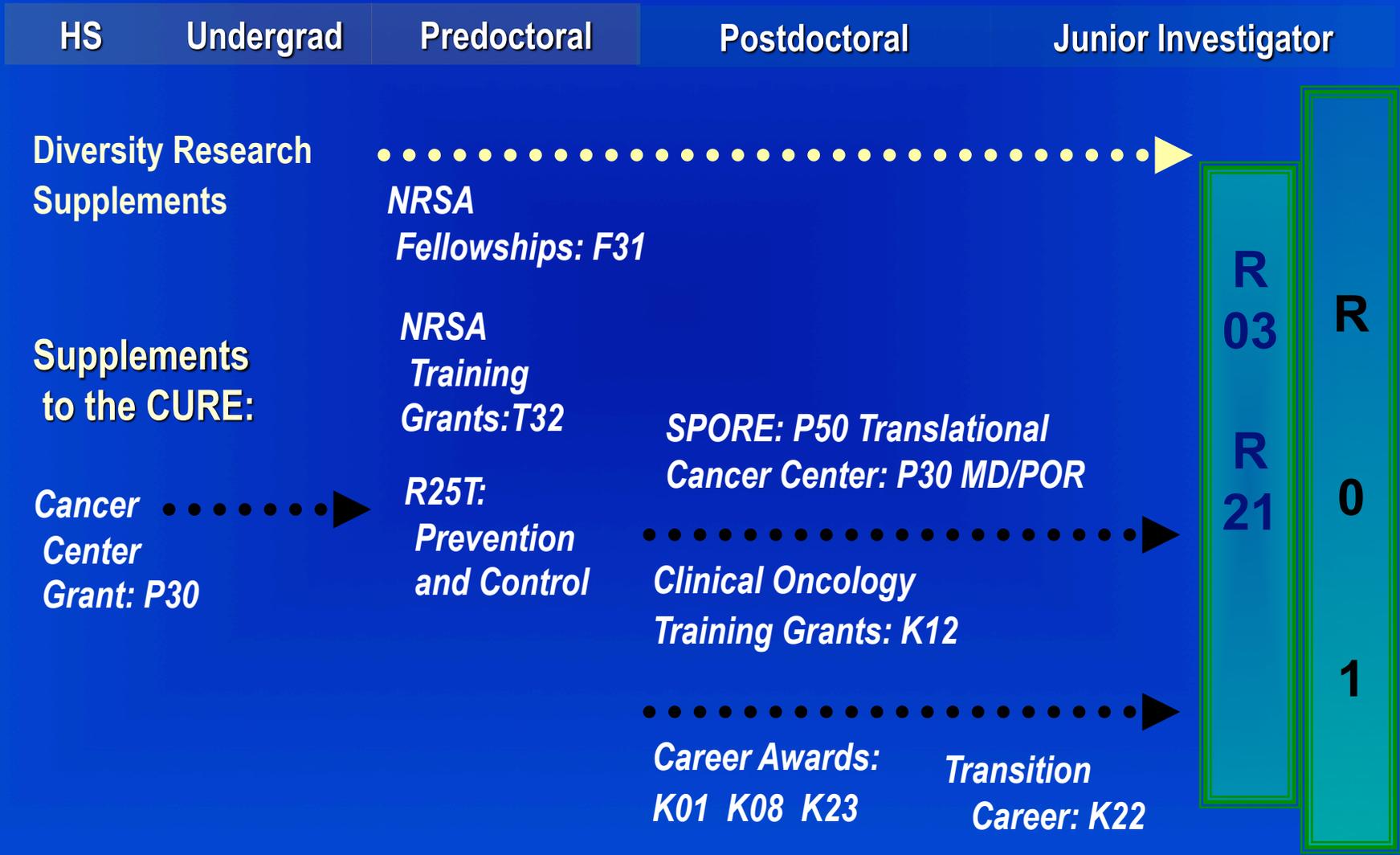


Program Sustainability

- Leveraged funds
 - Site based studies (e.g., social networks)
 - Enhanced navigation activities
- Community and Health System Partnerships
 - Community Health Centers
 - Community Advisory Boards
 - CCOP, MB-CCOP
 - VA System
- Mentor Trainees
 - Students, Fellows, Postdoctoral Investigators
 - Funded by NCI, Foundations, and Other Resources



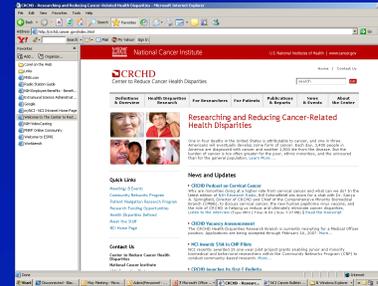
Continuing Umbrella of Research Experiences



CRCHD Tools & Resources

- **CRCHD Web site**

- <http://crchd.cancer.gov>



- **CRCHD Cancer Disparities E-Bulletin**

- <http://crchd.cancer.gov/news/ebulletin.html>



- **Brochures**

- CRCHD, CNP, PNRP
 - CURE, MI/CCP



- **Summit 2007 Report**

- <http://www.cancermeetings.org/chdsummit07/>

