



Summit '07

*Catalyzing Trans-
Disciplinary Regional
Partnerships to Eliminate
Cancer Health Disparities*



Sharing Our Vision: Center to Reduce Cancer Health Disparities



Dr. Sanya A. Springfield

Director, Center to Reduce Cancer Health Disparities

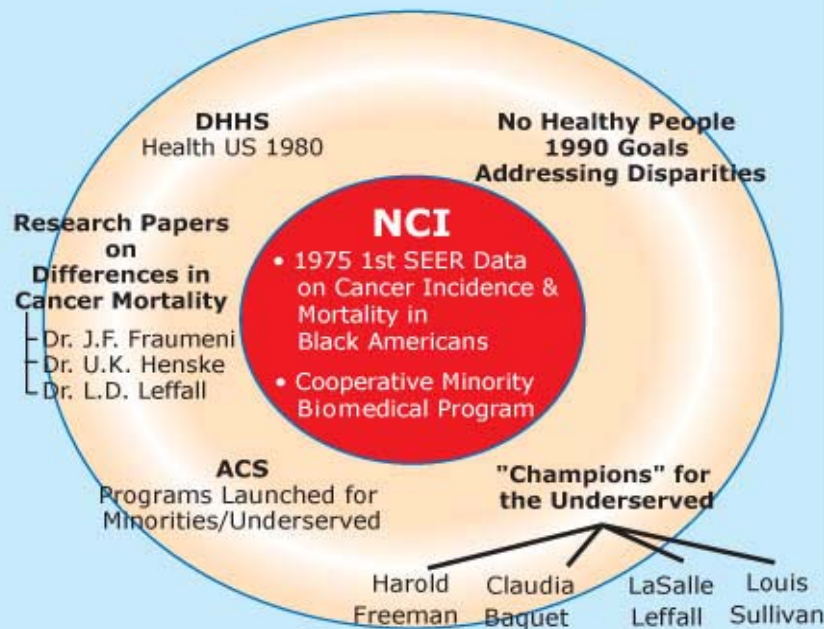
July 16, 2007

Pre-1980

Focus on Issues of Health Disparities



Individually-Driven
Little Institutional Support

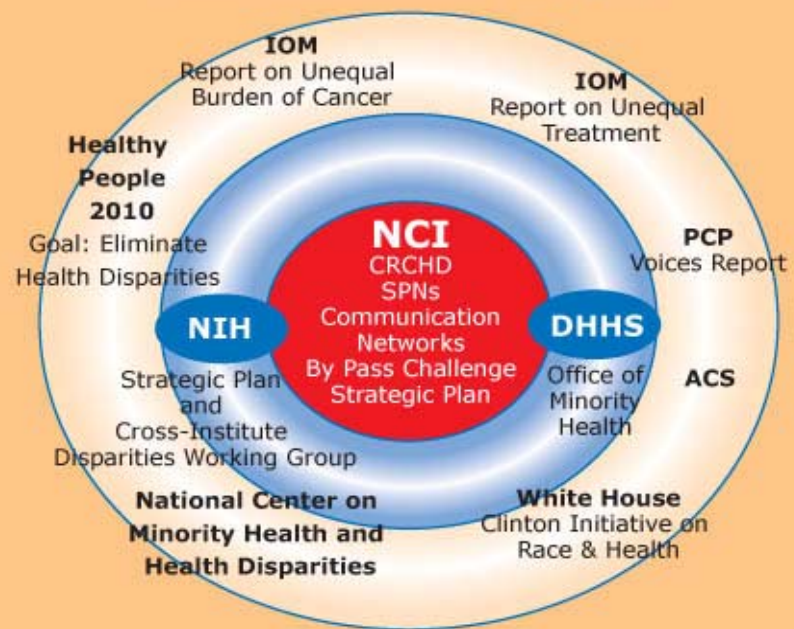


By 2004

Focus on Issues of Health Disparities



Nationally-Driven
Multi-Institutional Support



Overcoming Cancer Health Disparities (CHD)

- Moving Research Forward

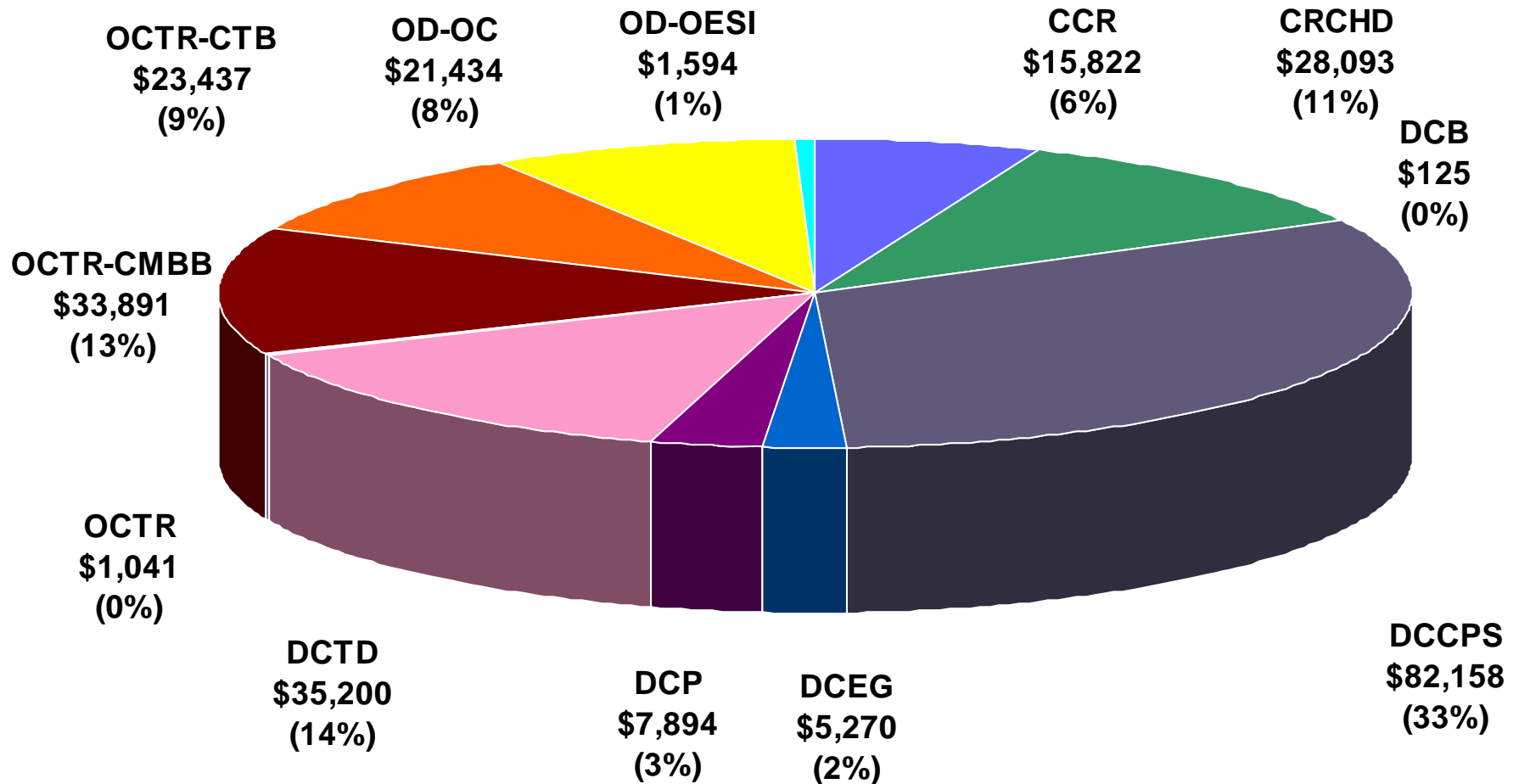
...by Addressing the Causes of Cancer Health Disparities

With support from NCI, scientists are learning about why some population groups have higher cancer incidence and mortality rates than others. For example, we know that many evidenced-based interventions, including cancer screening, are not adequately reaching all populations. Other research shows that, in addition to uneven access to cancer care interventions, there may be a **genetic** component to some cancer health disparities.

...and Progress in Pursuit of our Goal

* The Nation's Investment in Cancer Research: Plan and Budget Proposed FY08

HD Research Funding by Division FY 2006



Key NCI CHD Strategies

- CHD Integration/Implementation (I²) Team
- New Center to Reduce Cancer Health Disparities (CRCHD)
- GMaP

Key NCI CHD Strategies

- CHD Integration/Implementation (I²) Team
- New Center to Reduce Cancer Health Disparities (CRCCHD)
- GMaP

HD I² Team Members

- July
 - EC approved formation of HD I2 Team
 - NCI Director selected HD I2 Chair/Co-chair
- Aug - Sept
 - DOC nominated staff for I2 Team
 - I2 Chair nominated I2 Team
 - NCI Director selected I2 Team
- Sept – July
 - Integration Phase

- Co-Chairs -
 - Sanya Springfield CRCHD
 - Michaele Christian (DCTD)*
- Hector Aguila (CRCHD)
- Michelle Bennett (CCR)
- Gail Bryant (DEA)
- Ken Chu (CRCHD)
- John Cole (DCB)
- Lenora Johnson (OCE)
- Latonya Kittles (OCE)
- Anna Levy (OSPA)
- Wortia McCaskill-Stevens (DCP)
- Linda Morris Brown (DCEG)
- Henry Rodriguez (OTIR)
- Samir Sauma (OSPA)
- Shobha Srinivasan (DCCPS)
- Ted Trimble (DCTD)
- Devi Vembu (OCTR/CCB)

I² CHD Team

Phase 1: **Integration**

- Review CHD recommendations, portfolio and investments
- Identify gaps and prioritize
- Develop “Resource Plan” for EC approval

- Phase 2: **Implementation**

- Community participates in execution of the projects from the Resource Plan-
 - funding opportunities: **RFAs, PAs**
- Focus on performance accountability

What is Cancer Health Disparities Research*?

- Basic, clinical or population-based research that explicitly focuses on cancers that are more serious or more prevalent in racial/ethnic minorities and other underserved populations and advances the development of the cancer research continuum for these cancers.

Examples:

- Triple negative breast cancers in young African American women
- Lung cancer risk and prognosis in African Americans
- IRF-1 studies, breast cancer, obesity and African American and Hispanic women
- Non 16/18 HPV mutations and Native Americans

* NCI I² CHD Team definition, 2006-DRAFT

Eliminate Cancer Health Disparities

- **Narrow the gap between cancer research and practice.**
- **Integrate the elimination of cancer health disparities into all NCI initiatives and programs.**
- **Ensure that the entire U.S. population receives the full range of information, services, and high-quality care from prevention to screening, diagnosis, treatment, survivorship, and end of life.**
- **Ensure that NCI's Cancer Centers, which form an important foundation for NCI's research activities, adequately address cancer health disparities throughout their research and care delivery activities.**
- **Ensure the NCI's clinical research portfolio has substantial representation from underrepresented populations to enable insights into the causes of health disparities and effective extrapolation of research results to the entire population.**

I² Cross-Cutting Objectives

- **Emphasize education as critical factors in eliminating cancer health disparities.**
- **Establish and support the development of effective and mutually beneficial collaborations and partnerships that serve to expand resources, broaden our capacity for message delivery, and create greater integration and diversity for training initiatives and further scientific endeavors.**
- **Develop metrics to evaluate the effectiveness and accountability of projects and initiatives that address cancer health disparities.**
- **Communicate the scope of cancer health disparities to vulnerable populations, researchers, and providers.**
- **Develop the workforce by recruiting, retaining and promoting investigators from minority and underserved populations.**

Key NCI CHD Strategies

- CHD Integration/Implementation (I²) Team
- New Center to Reduce Cancer Health Disparities (CRCHD)
- GMaP

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 that will be part of the next generation of competitive researchers in cancer and cancer health disparities

New CRCHD Organization

OFFICE
of the
DIRECTOR

Communication/
Dissemination

Admin
Personnel
Budget

Planning/Evaluation
Database/Tracking

Disparities Research
Branch

Diversity Training
Branch
(CMBB)

Disparities Research Branch

Disparities Research

Community-Based Program

Community Network Program
Patient Navigator Research Program
U01

Investigator-Initiated Programs

R21,R03
R13
P01, R01

Minority Institution/ Cancer Center Partnership

P20, U56, U54

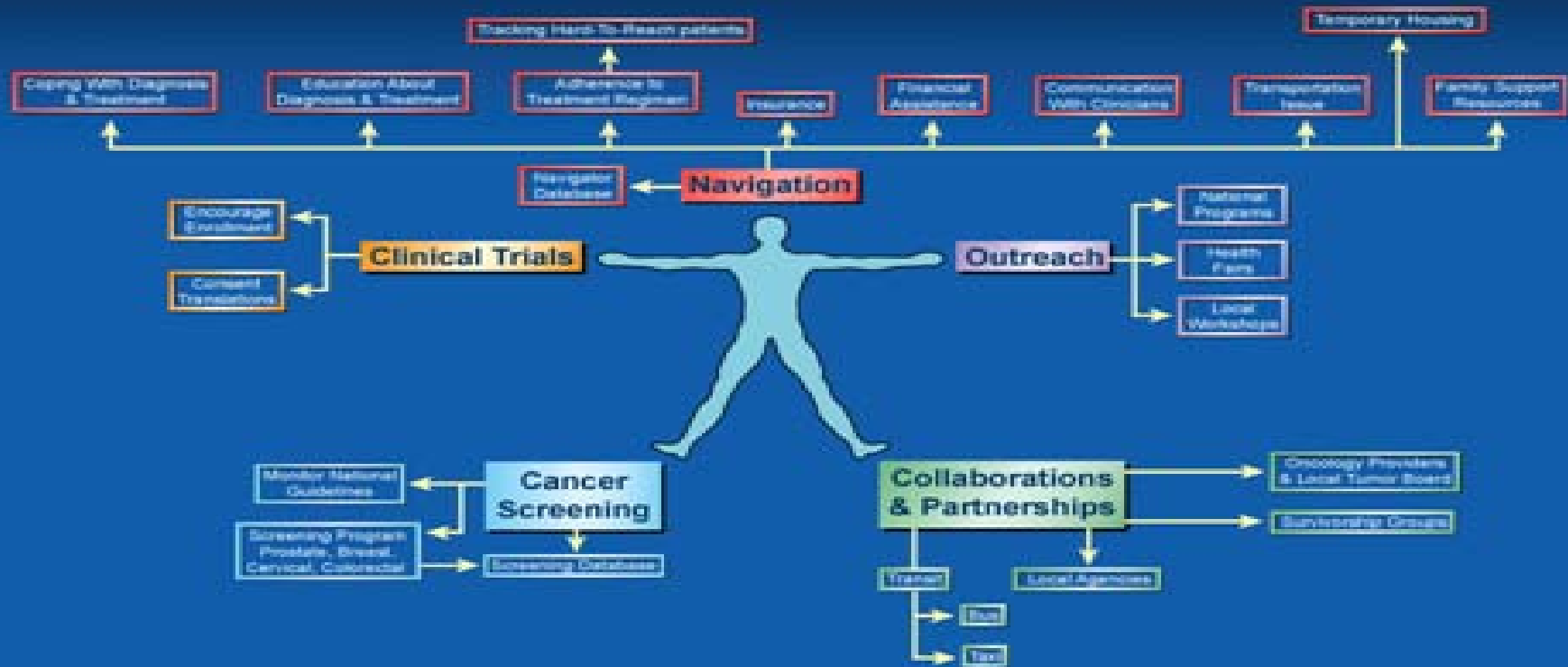
Community Networks Program

Goal is to significantly improve access to and utilization of beneficial cancer interventions in the community through education, research and training among racial/ethnic minorities and underserved populations

- Cancers:
 - breast
 - cervical
 - colorectal
 - prostate

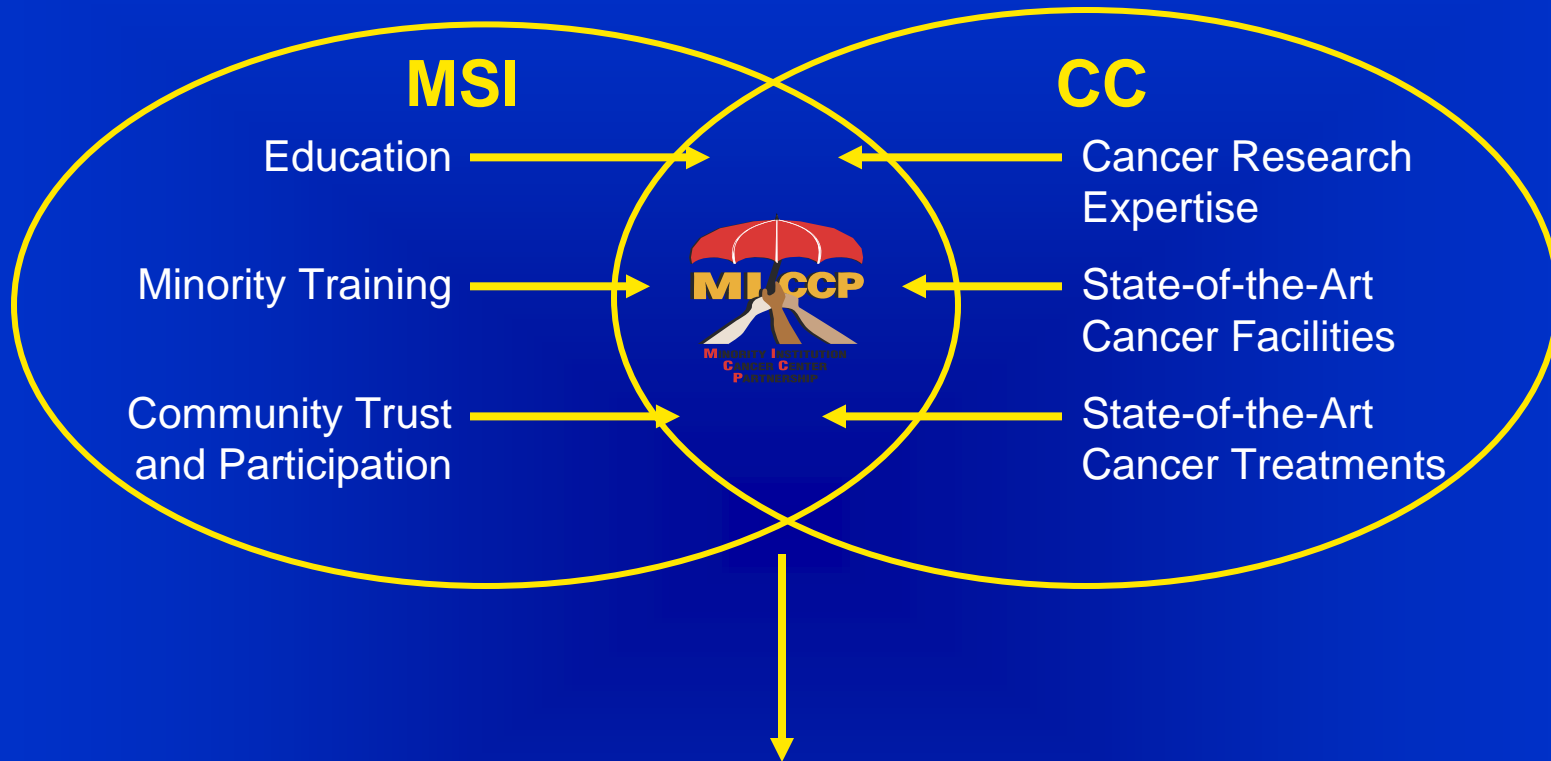
- Populations:
 - African American
 - Hispanic/Latino
 - American Indians/Alaska Natives
 - Pacific Islanders
 - Asian
 - Underserved populations

Patient Navigator Role



Using trained, culturally competent health care workers as patient navigators to decrease the time between a cancer-related abnormal finding, definitive diagnosis and delivery of quality standard cancer care

MI/CCP Partnership Model



- Build research capacity and training at MSIs
- Create stable, long-term collaborations between MSIs and CCs in research, training, career development, and outreach
- Improve effectiveness of CC research, education and outreach for underserved populations
- Export successful approaches for addressing disparities to all CCs and other key networks and consortiums

Diversity Training Branch

Diversity Training

Career Development

K01, K08,
K22, K23

**Diversity Supplements
MBRS Co-funds**

**NRSA
Emerging Technology
Training Grants
T32, F31**

Continuing

Umbrella



Research

Experiences

High School

Undergrad

Predoctoral

Postdoctoral

Junior Investigator

Research Supplements



NRSA:T32



Supplements to the CURE:

SPORE: P50
Cancer Center:
P30 MD/POR



Cancer Center Grant: P30



Cancer Education Grant: R25T



Clinical Oncology Training Grants: K12

Fellowships: F31

Career Awards:
K01
K08
K23

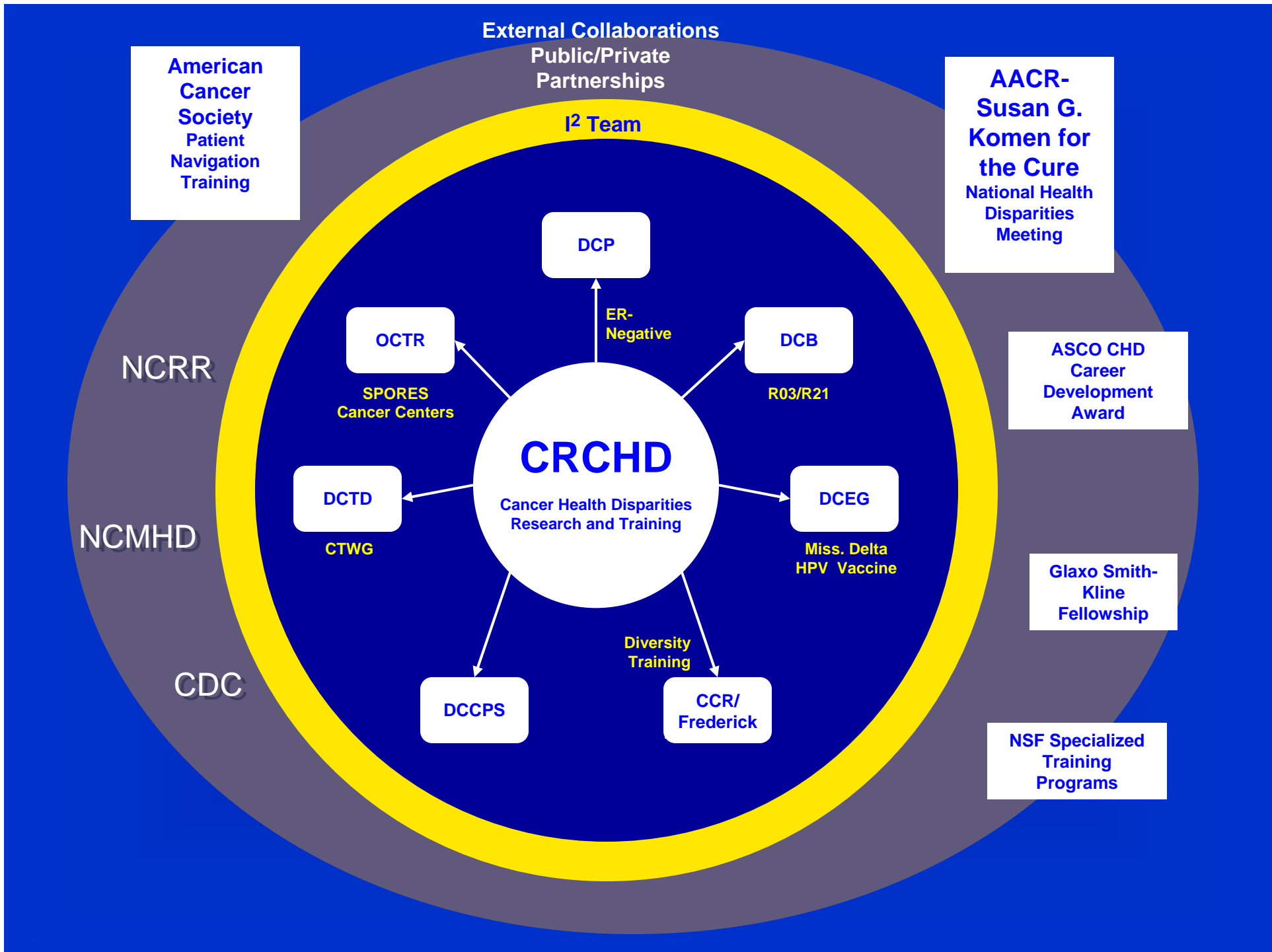
Transition Career: K22



R

0

1



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



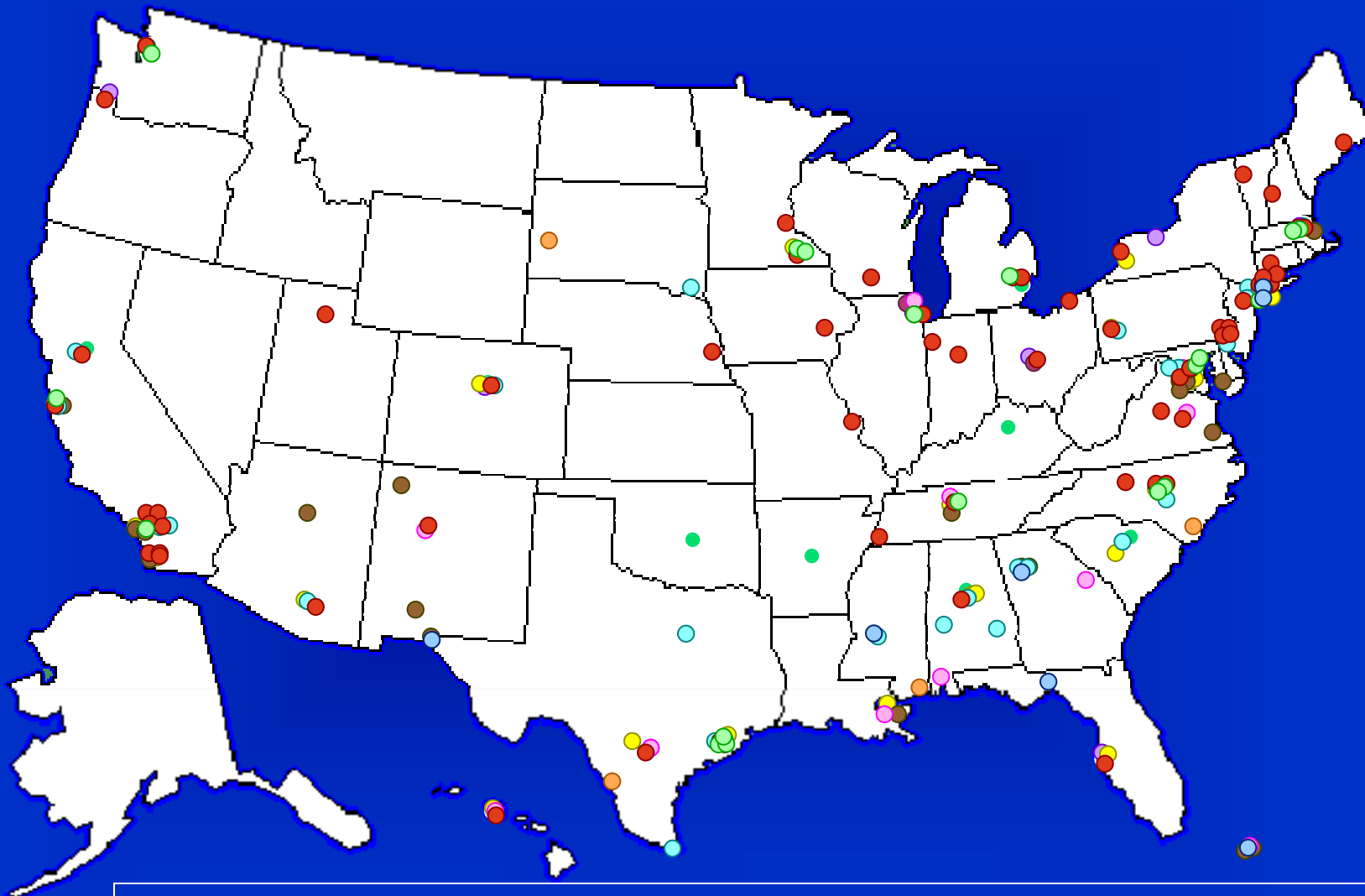
- Special Populations Network (SPN) Monograph in CANCER
 - <http://www3.interscience.wiley.com/cgi-bin/jissue/113386997>



Key NCI CHD Strategies

- CHD Integration/Implementation (I²) Team
- New Center to Reduce Cancer Health Disparities (CRCCHD)
- GMaP

Strategic NCI/NCRR/NCMHD CHD Programs



- | | | | |
|------------------------------------|---------------------------|----------------------------------|----------------|
| Community Networks Grants | MI/CCP Cancer Ctr. Grants | EXPORT Grants | MB-CCOP Grants |
| Patient Navigator Research Program | MI/CCP MSI Grants | NCI-Designated Cancer Ctrs. | SPORE Grants |
| CDRP Navigator Grants | DCCPS Centers | Research Ctrs. in Minority Inst. | |

Cancer Health Disparities Geographic Management Program (GMaP)

A regional strategy to build critical “hubs” for support and efficient management of cancer health disparities research, training and infrastructure programs.

- **GOAL**
 - **Advance the science of cancer health disparities in these regions**
 - **Achieve measurable reductions in cancer health disparities in these regions**

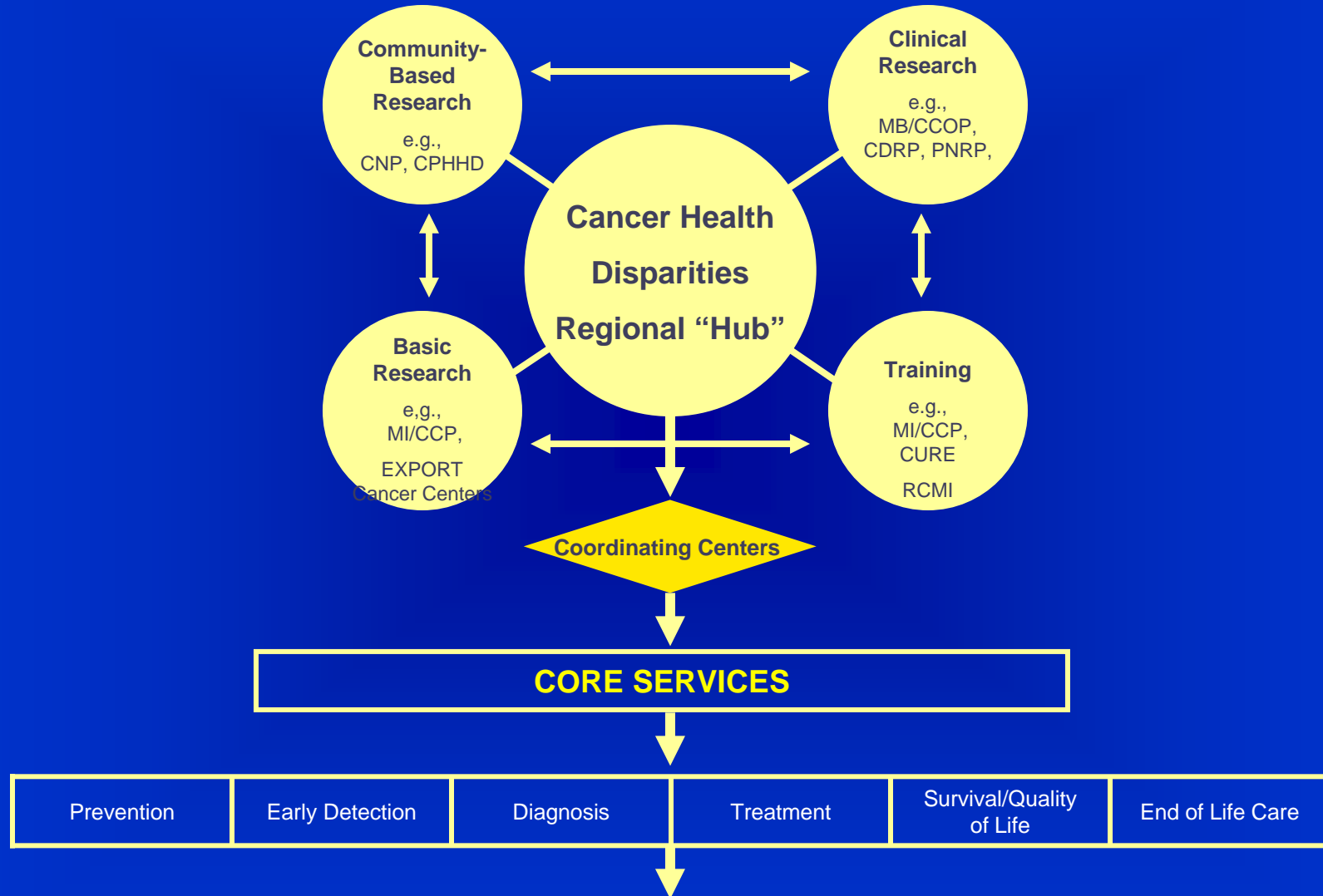
Researcher Benefits

- Better integrated and stronger CHD research, training and core programs across regions
- Joint regional health disparities workshops to facilitate communication/disseminations
- Integration of GMaP members into regional and community planning and decision-making processes for sustainability of CHD efforts.

Federal Partner Benefits

- Increased leveraging of CHD research dollars
- More efficient program management:
 - Joint site visits,
 - Standardized site visit reports,
 - Regional advisory committees
- Joint concept development for new funding opportunities
- Common metrics and evaluation of CHD

GMaP



Overcoming Cancer Health Disparities

GMaP Core Services

- **Clinical Trials**
- **Bioinformatics/Information Technology**
 - **caBIG Tools**
 - **caTissue Banking Software**
 - **NCI Medical Imaging Repository**
 - **REMBRANDT Repository for Molecular Data**
- **Minority Biospecimens/Biobanking**
 - **Guidelines**
 - **Informed Consent**
- **Communication/Dissemination**
 - **CIS**
 - **On-Line Community**
- **Evaluation**
- **Recruitment (faculty, postdocs)**

GMaP Pilot Areas

Area 6
CA/HI/
AS/GU










Area 1
DC/MD/VA

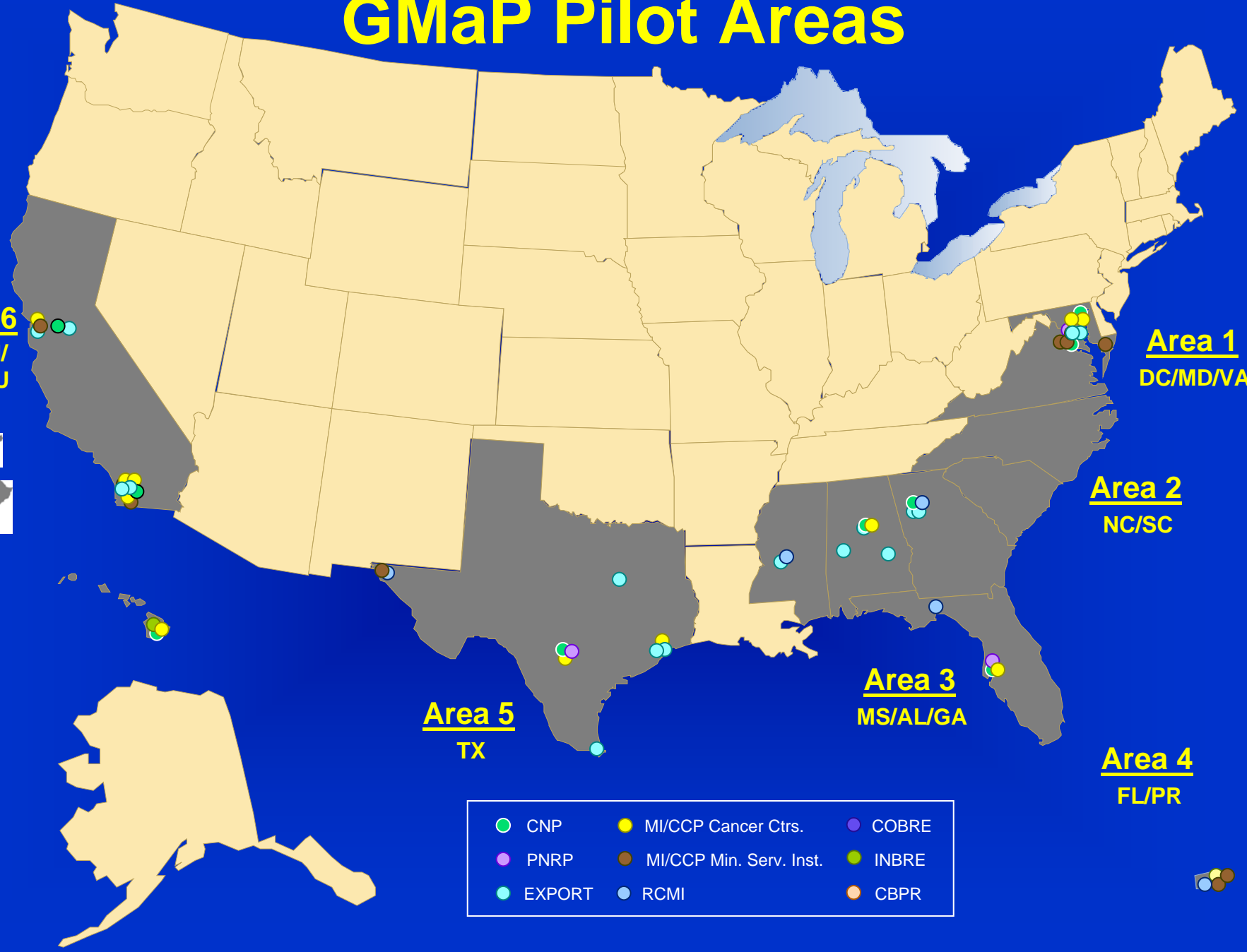
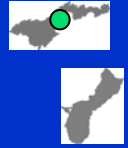
Area 2
NC/SC

Area 3
MS/AL/GA

Area 4
FL/PR

Area 5
TX

- | | | |
|--------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
|  CNP |  MI/CCP Cancer Ctrs. |  COBRE |
|  PNRP |  MI/CCP Min. Serv. Inst. |  INBRE |
|  EXPORT |  RCMI |  CBPR |



GMaP Pilot Area Planning Meetings

- Next Steps:
 - Review and analyze the regional research and training portfolio for health disparities activities
 - Identify External Regional Coordinating Committee
 - Define core services and areas of focus
 - Develop GMaP Regional Funding Opportunities (Supplements)

Looking Ahead...

Convene CHD Think Tanks to develop CRCHD strategic plan for reducing and eliminating cancer health disparities

- CHD Researchers/Community Practitioners
 - Cancer Center Researchers
 - SPORE Researchers