



**NCI Center to Reduce
Cancer Health
Disparities
(CRCHD)**



The Community Networks Program (CNP)

**Presentation for the
NCI Board of Scientific Advisors**

March 3, 2009

**Dr. Leslie Cook Cooper, CAPTAIN, USPHS
*CNP Team Leader and Program Director***

***CNP Team: Dr. Maria Canto - Program Director
and Dr. Kenneth Chu - Branch Chief***



Community Networks Program (CNP)



Engage members of *racial/ethnic and underserved communities* to become interested and **more involved** in understanding cancer and to take actions identifying strategies, and research needed to reduce cancer health disparities in their communities.

- Educating and *increasing awareness of how to access and utilize beneficial interventions* for prevention and early detection of cancer
- Identifying and developing a *cadre of well trained researchers*



CBPR



- **Community-Based Participatory Research (CBPR)**

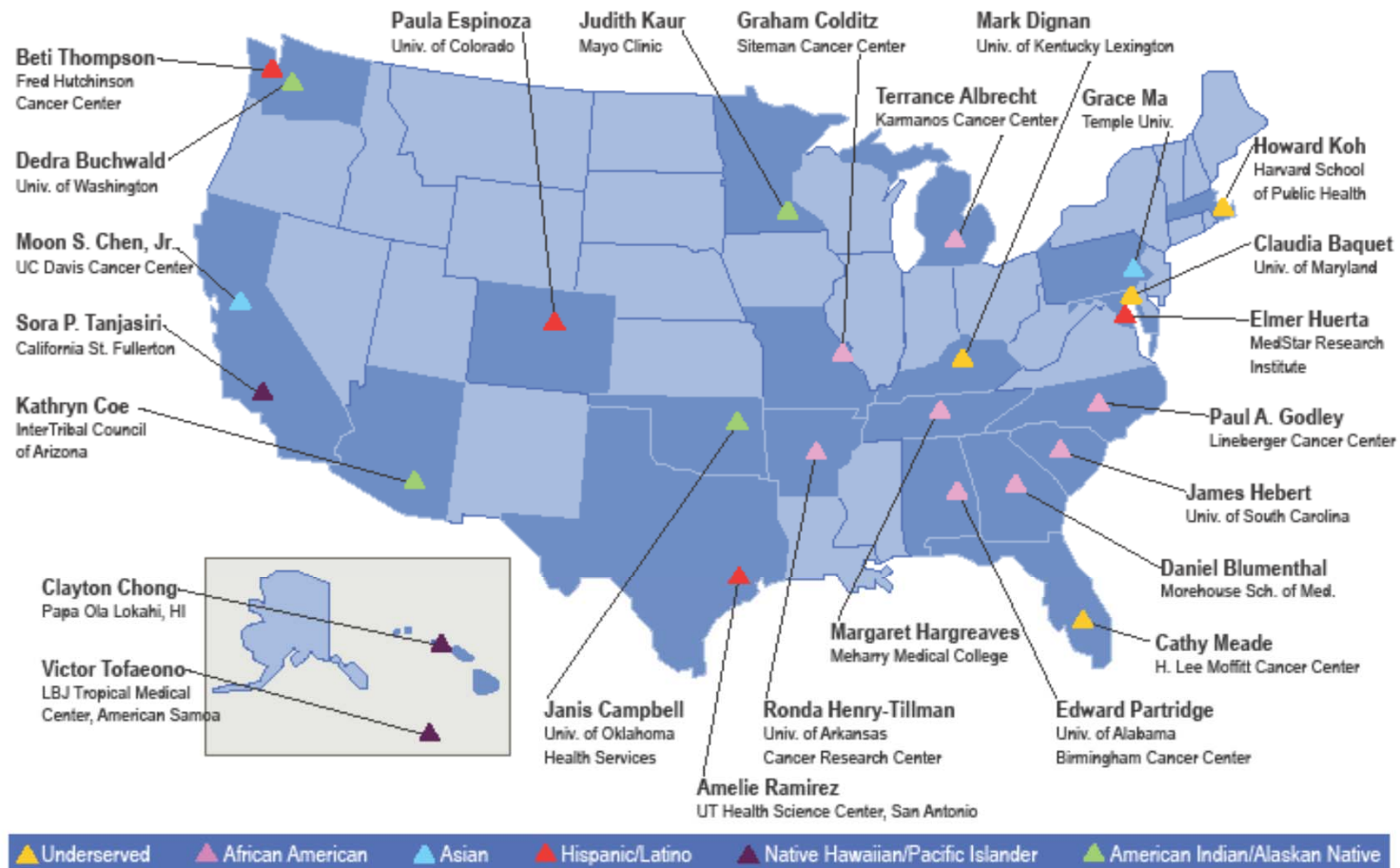
- A scientific approach that mandates a partnership between traditionally trained scientists AND members of a community, with all parties interested in addressing a common research problem.

Community members are full research partners participating in the...

- planning
- development
- implementation
- evaluation
- dissemination



Community Networks Program



Last Updated August 13, 2008

Community Networks Program Principal Investigators



Exploring Partnerships and Seeking Guidance



- Meet with leadership at every level, including NCI Leadership, Congressional Leaders, and Community Advocates



CNP Program Phases



2005

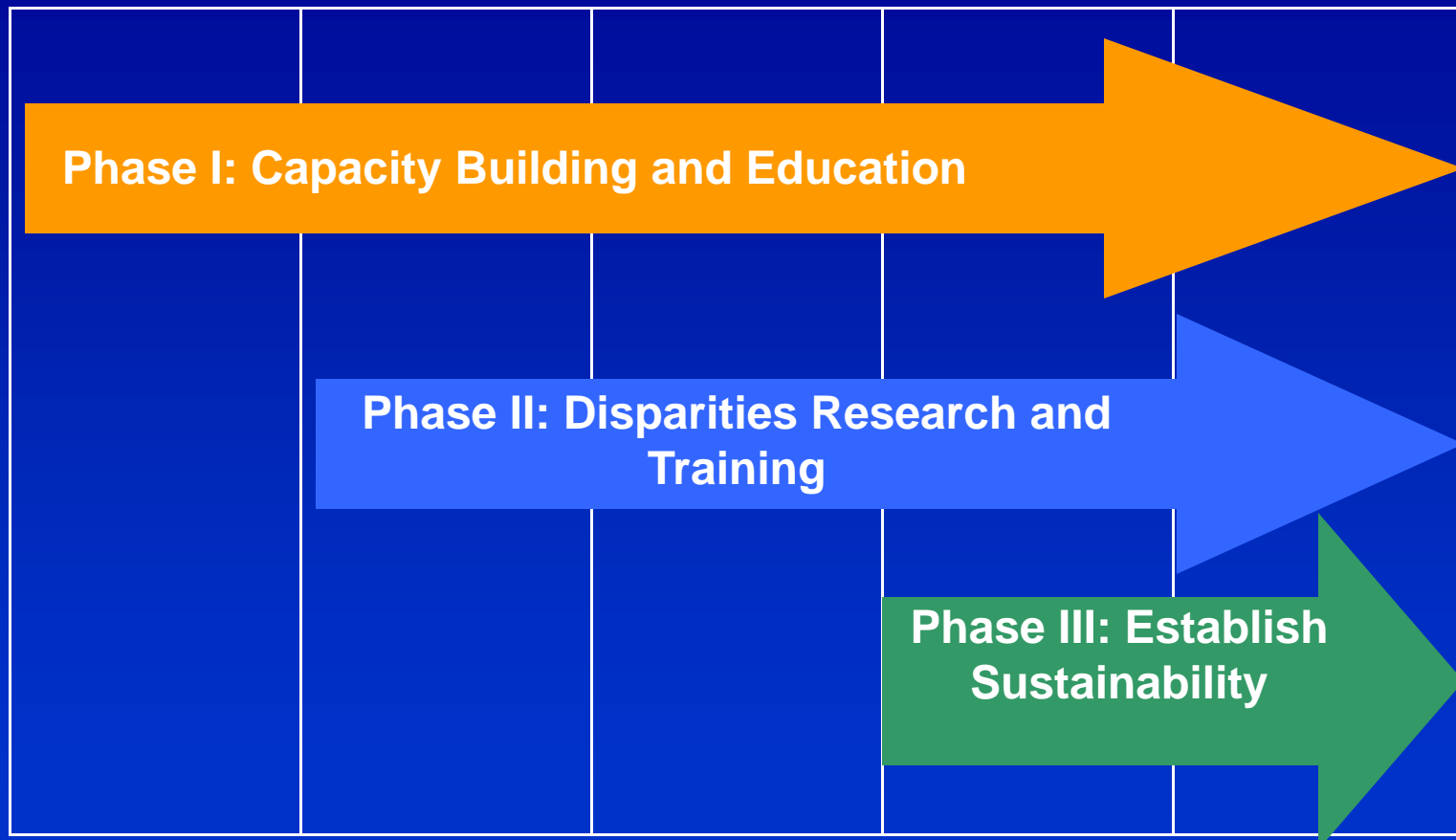
2006

2007

2008

2009

2010



Phase I – Capacity Building and Education



- **>1,100 partnerships with community-based organizations (CBO)** serving a wide range of diverse populations
- **>300 clinical partnerships (i.e. clinics providing medical services)** to provide primary and secondary prevention services
- **Conducted >5,000 educational activities**
 - Community events (~29%)
 - Distribution of educational materials (~28%)
 - Recruitment to screening (~11%)
 - Training/TA (~7%)
 - Policy-related (~4%)



Phase II – Disparities Research and Training

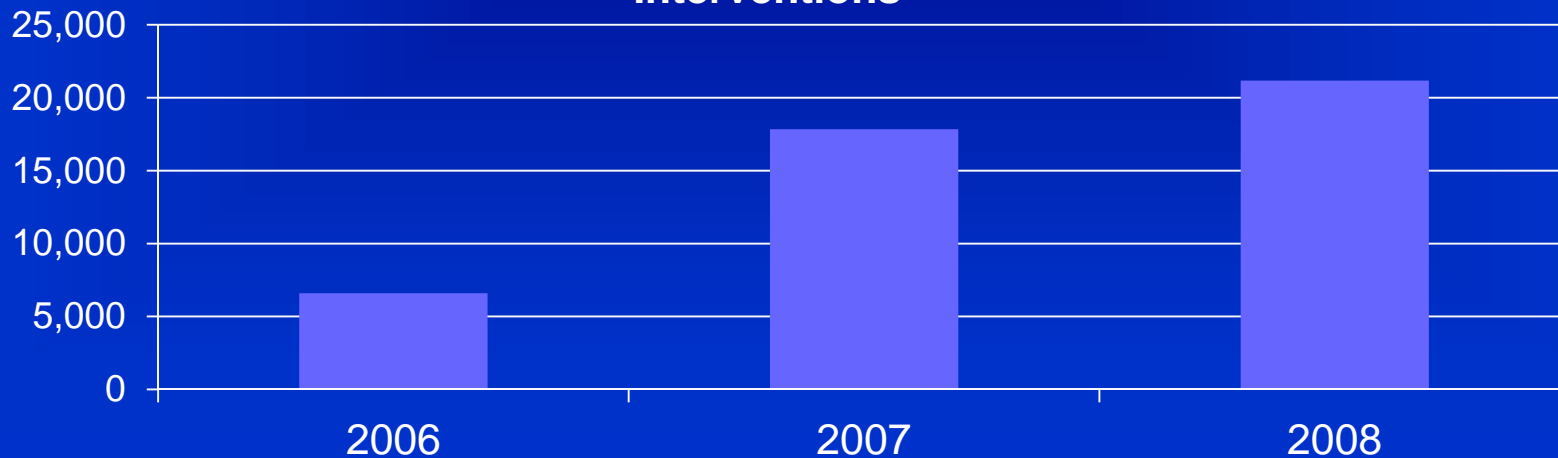


- **Performed 140+ needs assessment** with community members to identify barriers and resources and their priorities
- **Development of 120+ educational interventions** to increase primary prevention and early detection use, e.g.
 - 12 Smoking prevention/cessation programs
 - 9 Programs to increase use of mammography
 - 10 Programs to increase use of colonoscopies for colorectal cancer screening

Educational Programs to Increase Use of Mammography



Cumulative Number of Mammograms Performed in the CNP Interventions



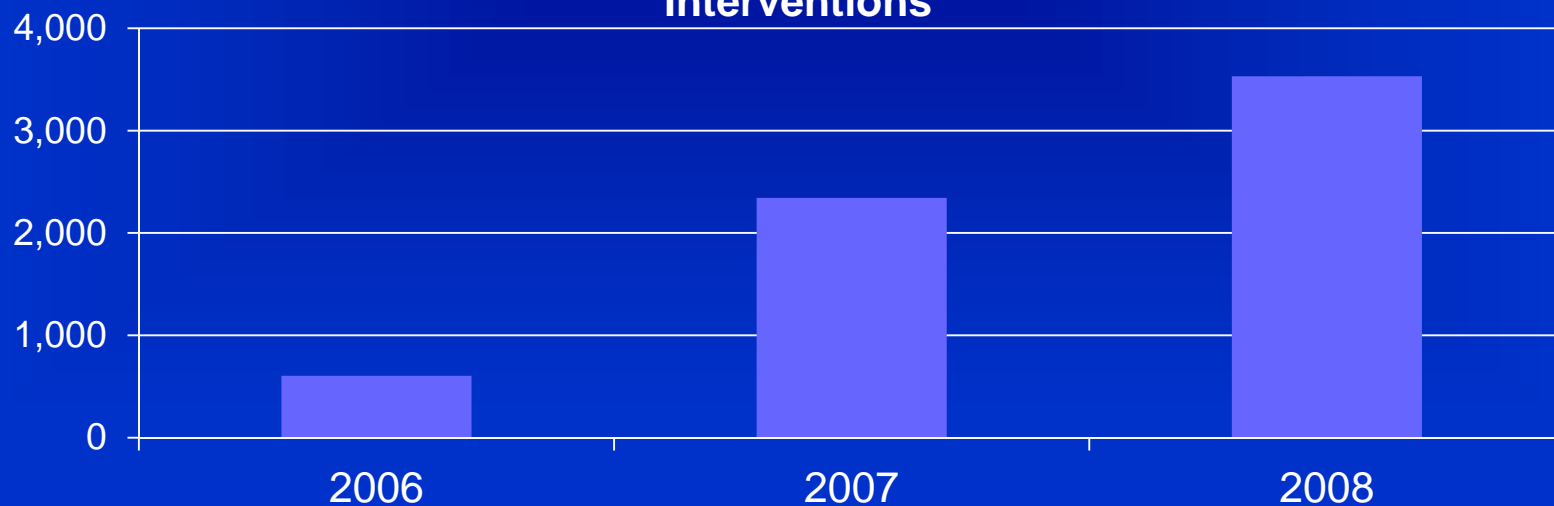
Educational Programs for Primary Care Doctors



Teach Primary Doctors to perform colonoscopies at GI clinics



Cumulative Number of Colonoscopies Performed in the CNP Interventions



Phase II – Disparities Research and Training



CNP has trained over 330 new investigators

Students Trained

- 100 Asians
- 50 African American
- 52 Hispanic/ Latino
- 28 Native Hawaiian or Other Pacific Islander
- 20 American Indian or Alaskan Native

Academic Background

- 121 Doctoral
- 53 Professional degree
- 59 Masters

Faculty Positions

- 60 Assistant Professors
- 13 Associate Professors



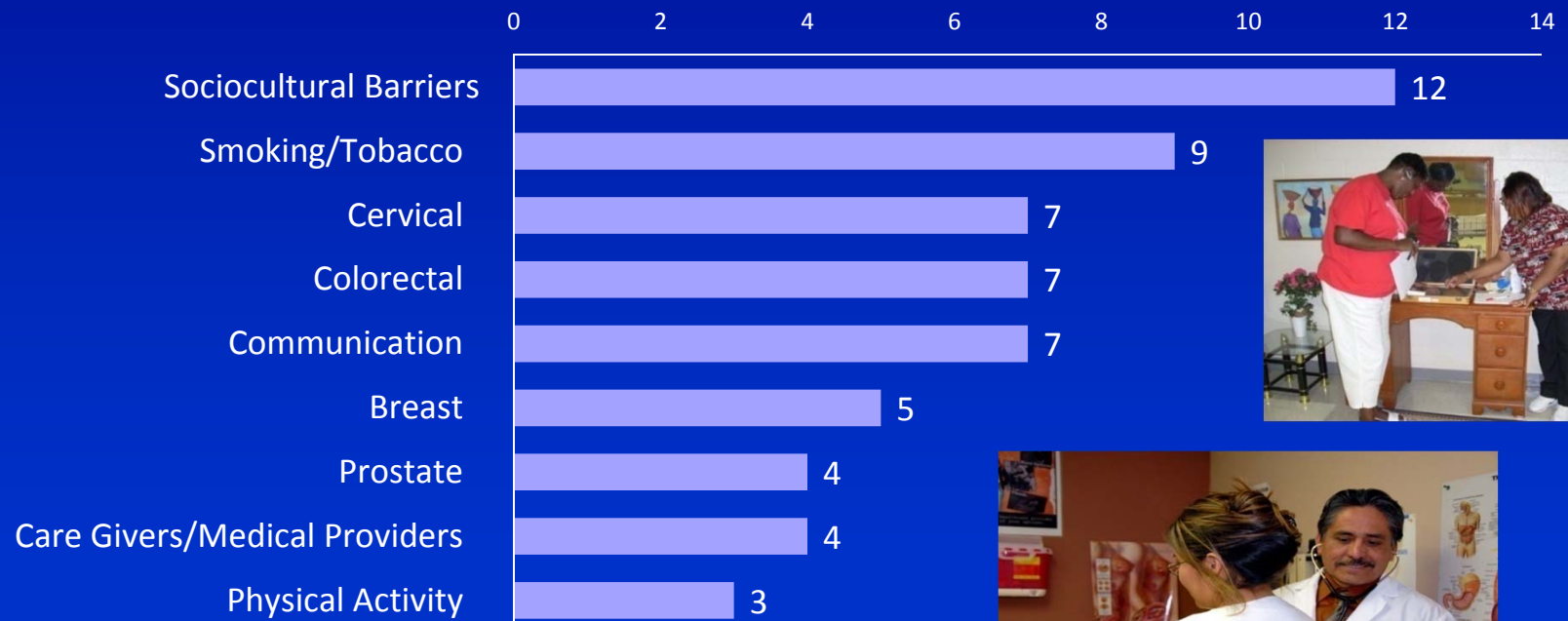
Ana Maria Lopez, MD, University of Arizona

A *Redes* pilot investigator who was recognized as a top doctor on cover of 2006 edition of *Tucson Lifestyle* magazine

CNP Pilot Research



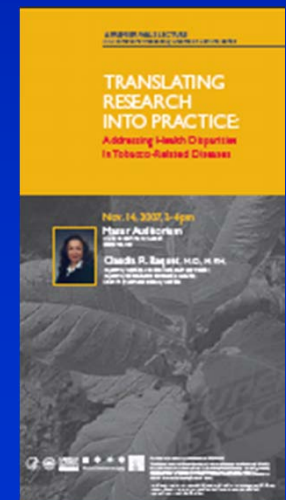
Pilot Projects by New Investigators



Phase 3 – Establish Sustainability



- Dissemination of results peer review and lay publications
- CNP's involved in policy changes for increased screening
- Feeding the pipeline of trainees and researchers
- Empowering the community in research



Phase 3 – Establish Sustainability



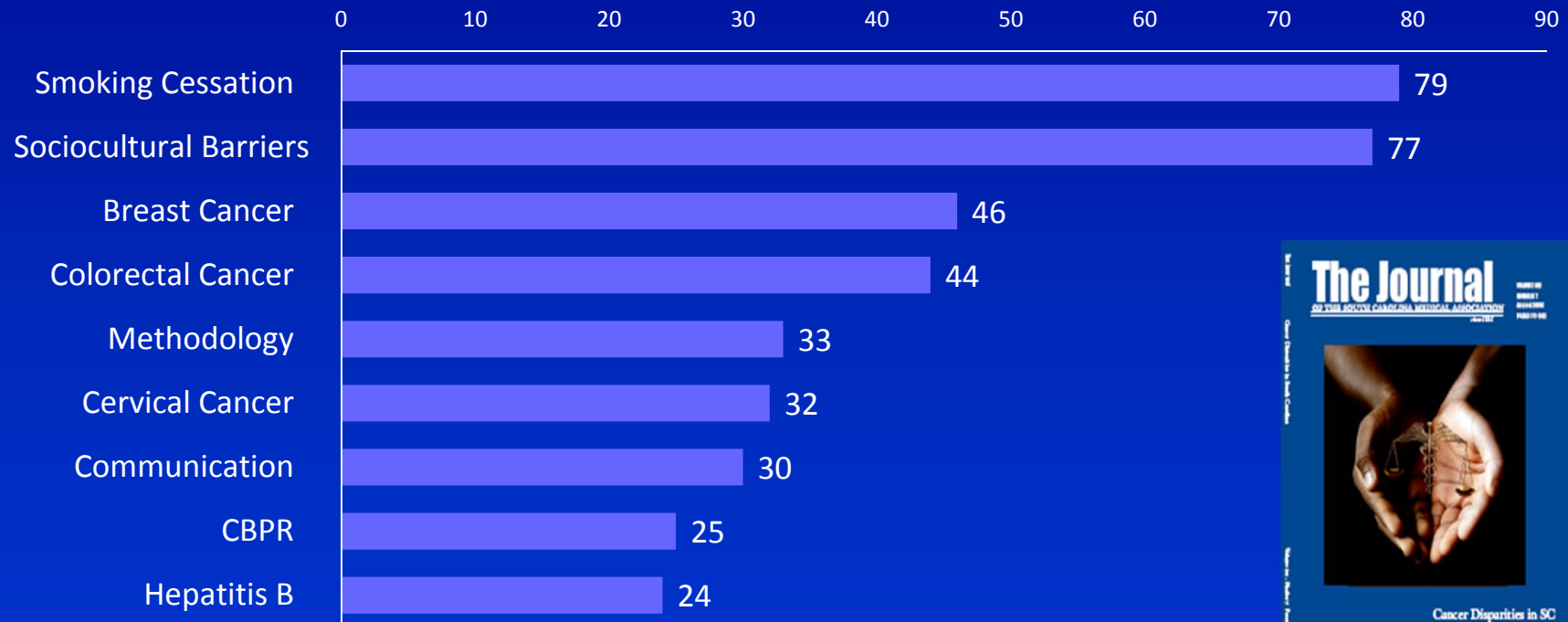
State Sen. Tracey Steele and US Senator Mark Pryor address health policy and cancer health disparities with 25 Senators



Phase 3 – Establish Sustainability



Dissemination of Results: 518 Peer Reviewed Papers



Phase 3 – Establish Sustainability



\$250 Million leveraged in new funding

- 4.4 times the CNP funding level of \$57 million for first three years
 - P01 grants funded
 - Multiple R01s
 - New Investigators with R01s
 - Outside NIH funding secured





Dr. Grace Ma, Temple University CNP's ATECAR-Center for Asian Health



Developing Community Driven Interventions Across Cancer Continuum

How

Community Outreach

- Community Partners
- Health Fairs
- Community Media

Education

- Asian Language
- Community Setting
- Convenient Schedules

Screening

- Bilingual
- Physicians
- Provider Partners
- Scheduling
- Registration
- Report
- Language Assistance

Clinical Support for Diagnosis & Treatment

- Specialist
- Scheduling
- Communication
- Financial Aid Resources
- Language Assistance

Intervention

Culturally-Tailored Smoking Cessation For Asian Smokers (Asian QUIT)

Asian Breast Cancer Intervention and Clinical Support Program (ABC)

Cervical Cancer for Asian Women (CCAW))

Asian Hepatitis B-Liver cancer Intervention Program (AHB)

Physician-based trial to Increase Colorectal Cancer Screening in Chinese (CRC)

Pilots to R01s

CNP Recap



2005

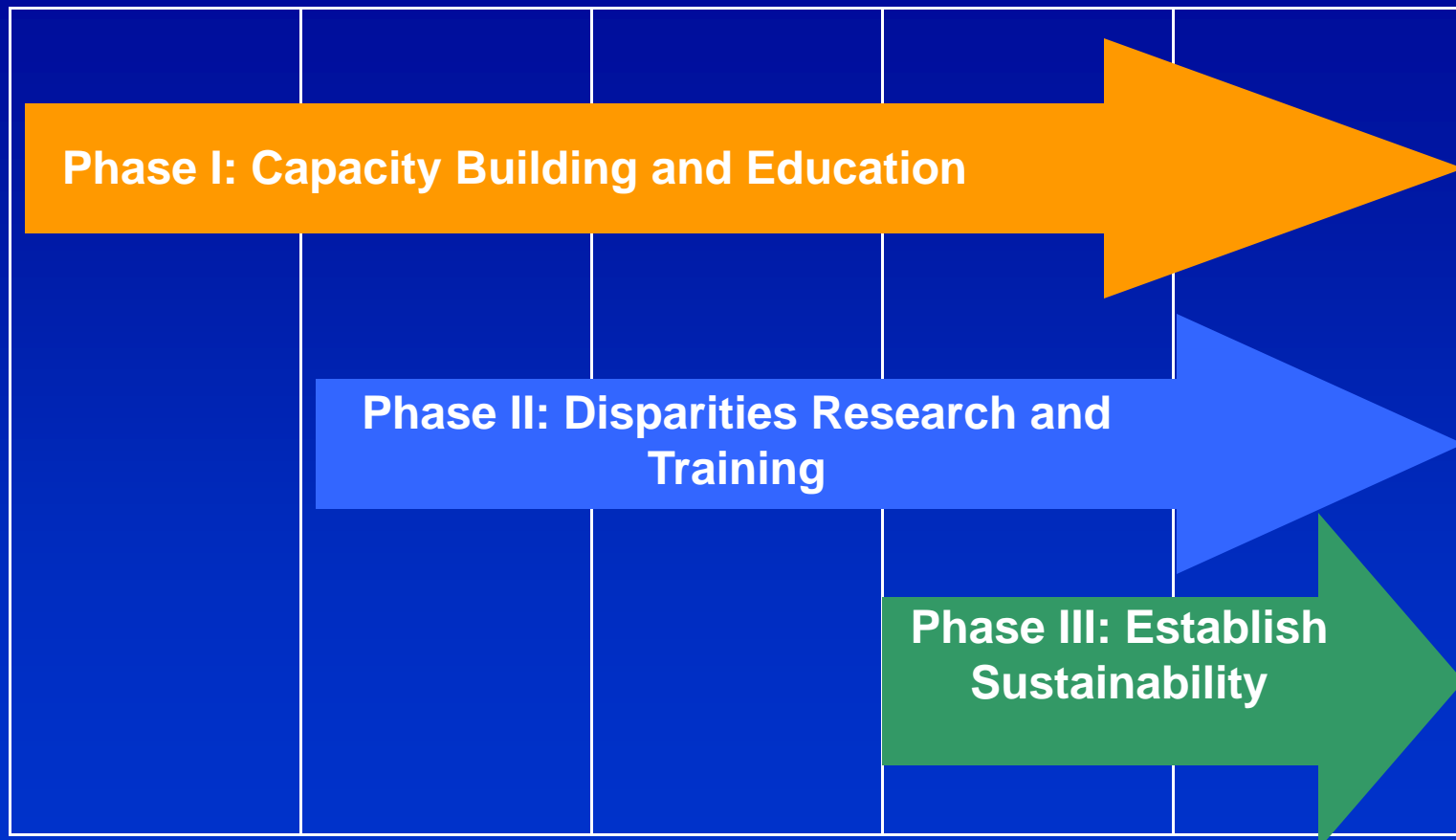
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CNP Principal Investigators Presenting Today



Cathy D. Meade, Ph.D., R.N., F.A.A.N.
Community Driven Research for Impacting Health Disparities
Underserved
Tampa Bay Community Cancer Network → CNP
H. Lee Moffitt Cancer Center &
Research Institute



Judith S. Kaur, M.A., M.D.
**CNPs as Strong Partners for Comprehensive Cancer
Control Research**
American Indian/ Alaska Native
Spirit of E.A.G.L.E.S → CNP
Mayo Clinic College of Medicine