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
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*
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
Principal Investigators
Exploring Partnerships and Seeking Guidance

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

- Phase I: Capacity Building and Education
- Phase II: Disparities Research and Training
- Phase III: Establish Sustainability
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

- 2006: 5,000
- 2007: 20,000
- 2008: 25,000
Educational Programs for Primary Care Doctors

Teach Primary Doctors to perform colonoscopies at GI clinics

Cumulative Number of Colonoscopies Performed in the CNP Interventions

- 2006: 500
- 2007: 2,000
- 2008: 3,500
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

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<td>Care Givers/Medical Providers</td>
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<td>Physical Activity</td>
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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

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<td>Hepatitis B</td>
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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

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)

How

- Community Partners
- Health Fairs
- Community Media
- Asian Language
- Community Setting
- Convenient Schedules
- Bilingual
- Physicians
- Provider
- Partners
- Scheduling
- Registration
- Report
- Language
- Assistance
- Specialist
- Scheduling
- Communication
- Financial Aid Resources
- Language Assistance

Pilots to RO1s
CNP Recap

2005  2006  2007  2008  2009  2010

Phase I: Capacity Building and Education

Phase II: Disparities Research and Training

Phase III: Establish Sustainability
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