

Community Networks Program
Reducing Disparities Through Outreach,
Research, and Training (CNP-II)

Presentation for the
NCI Board of Scientific Advisors

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Community Networks Program (CNP)



- ▣ Increase access to and use of beneficial interventions for prevention and early detection of cancer.
- ▣ Identify and develop a cadre of well trained cancer researchers.



CNP Metrics of Success



- Increase knowledge and access to cancer interventions



- Develop a cadre of well trained new investigators
- Knowledge/Transfer Dissemination
 - Publications, presentations, and educational resources (~500)
 - Leveraging /obtaining new funding (\$250 million in 3 years)

CNP Outcomes



Reaching African American, Hispanics, and Rural/Underserved Women with Mammograms

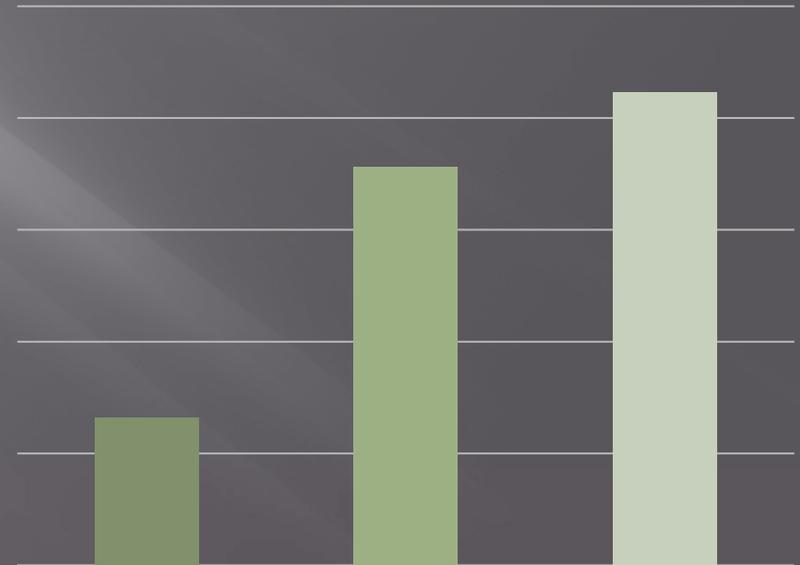
African- Americans



Hispanics

Rural and Underserved

Cumulative Number of Mammograms Performed in the CNP Interventions

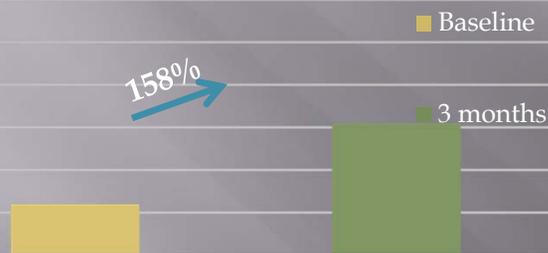


CNP Outcomes

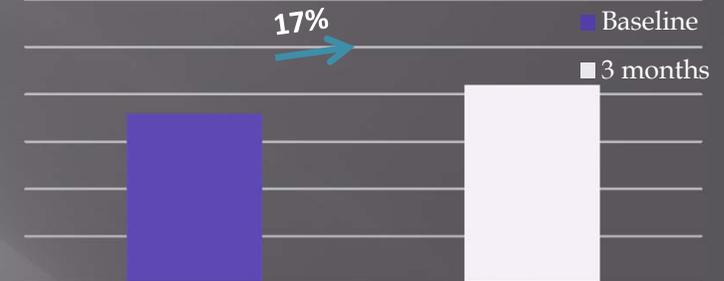


- Reaching Rural Hispanic Women with Colorectal *Home Health Parties* (Thompson)

FOBT Screening

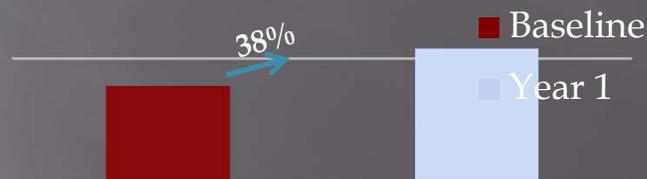


Sigmoidoscopy/Colonoscopy



- Increasing Mammography Use among Rural Uninsured Women through *Food Pantries* (Dignam)

Mammograms



- Enhancing AA Men's knowledge of Prostate Cancer using *Barbershop Education* (Meade)
 - (59.5% pretest, 79.0% posttest, $Z = -2.32$, $p < 0.05$)

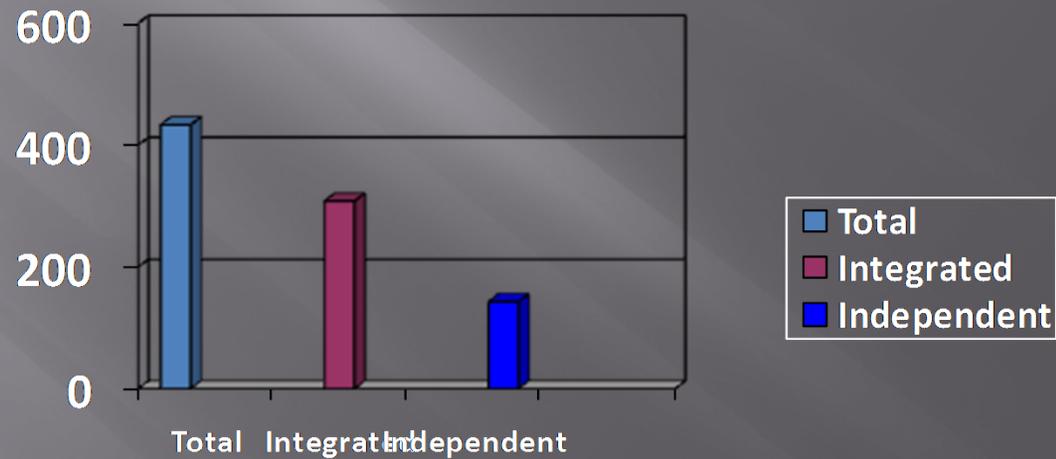
CNP Outcomes



Promoting Colorectal Cancer Screening in Primary Care Practices through integrated clinics



#Patients
(451 Referred)



Clinics

$p < 0.0001$
OR=11.1
CI=5.8-21.2

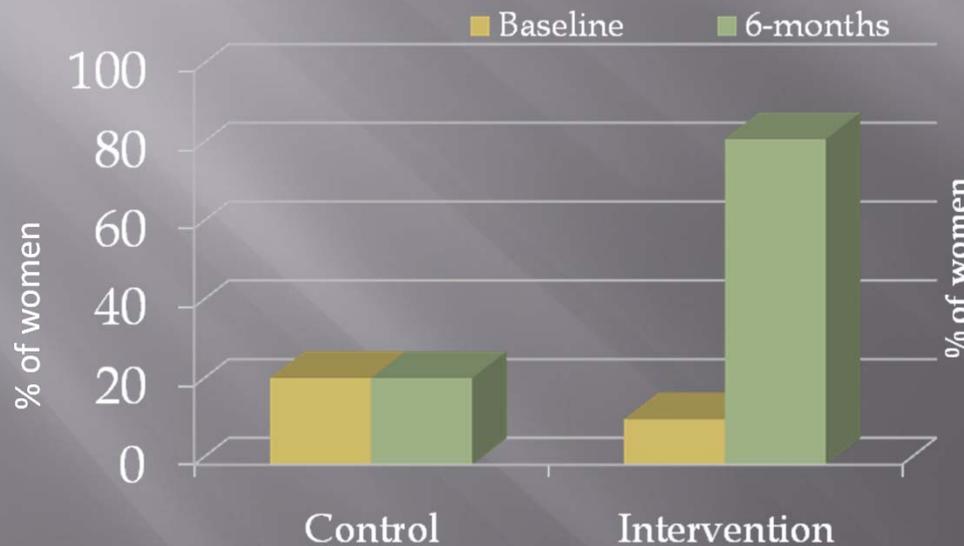
CNP Outcomes



Reaching underserved Korean women with cervical cancer education and in-language navigation

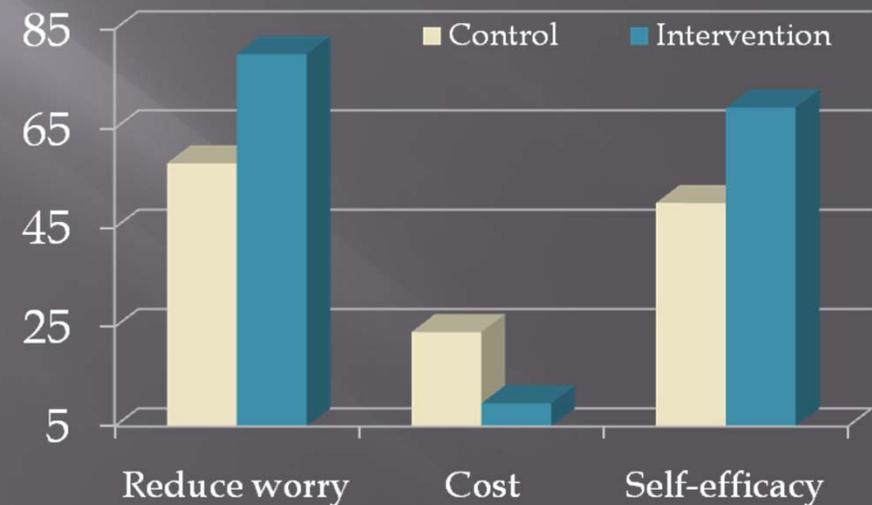


Post-Intervention Screening Behavior



*P < 0.001.

Differences in Psychosocial Beliefs Post-Intervention

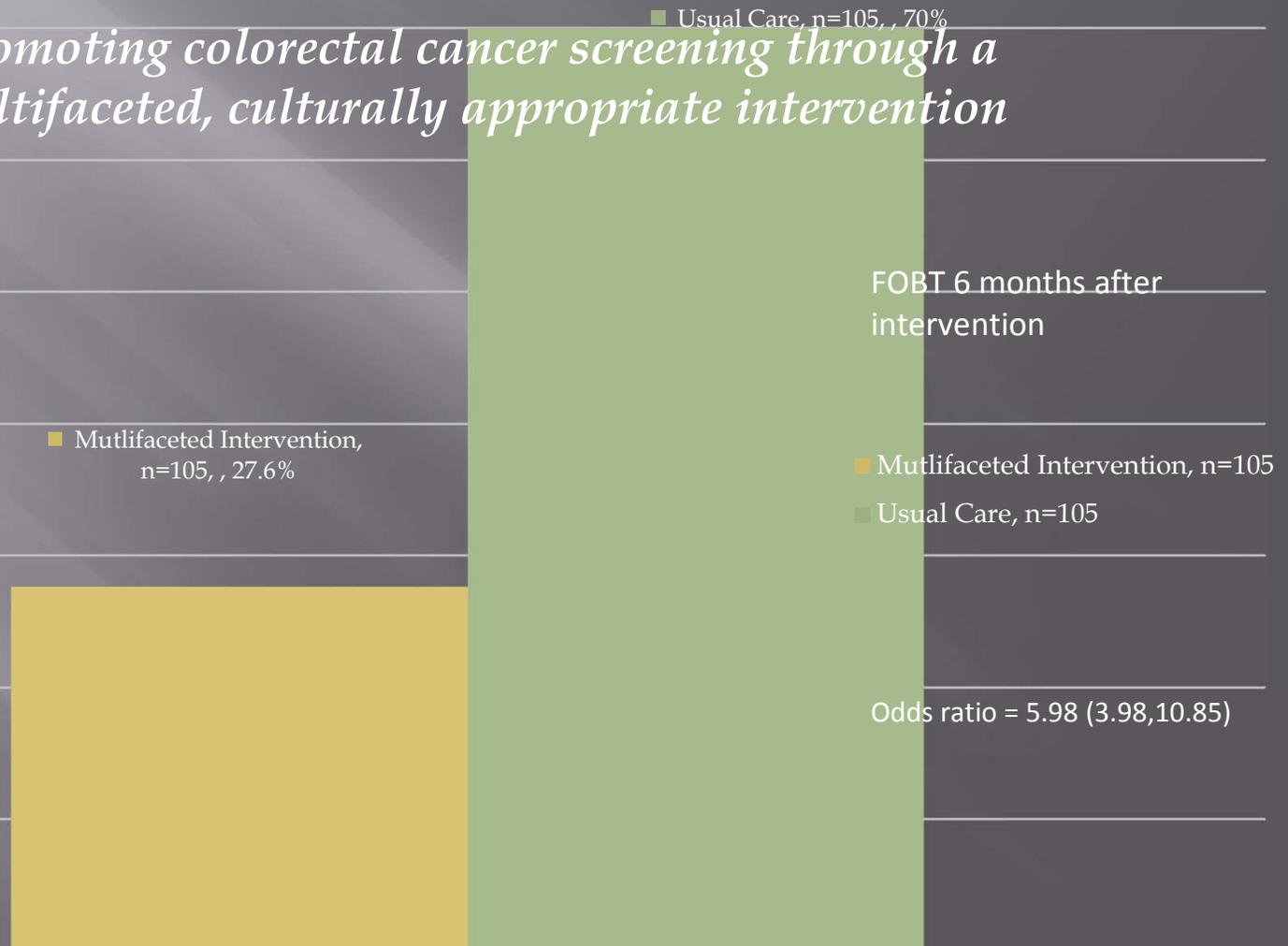


P < 0.05.

CNP Outcomes



Promoting colorectal cancer screening through a multifaceted, culturally appropriate intervention



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

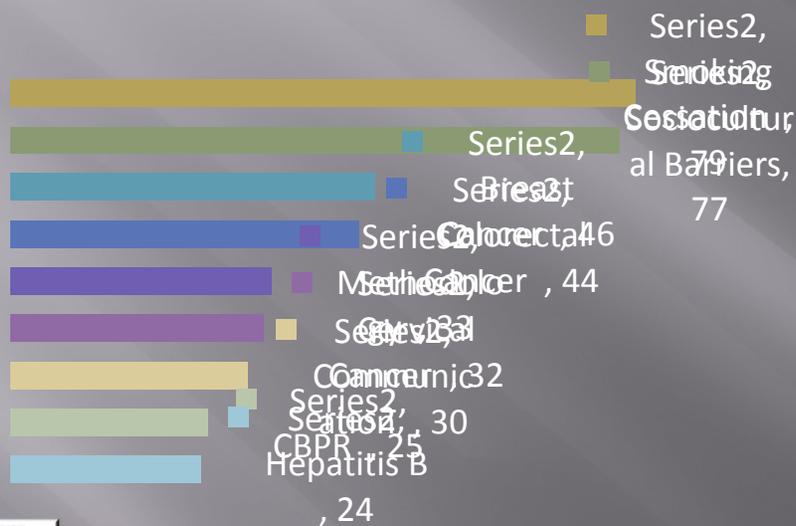


Ana Maria Lopez, MD, University of Arizona

Knowledge Transfer/Dissemination



CNP has published 518 peer reviewed papers and given >200 presentations.



CNP has produced >300 newsletters and websites.



Moving Forward...



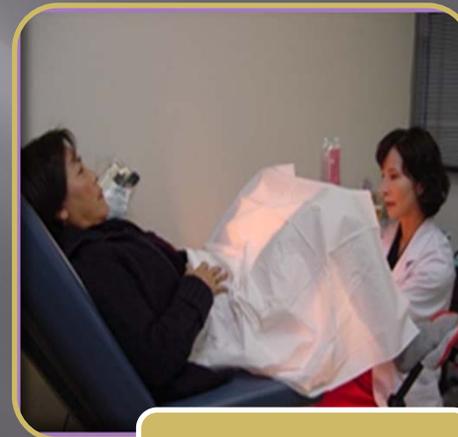
CNP

CNP II



Conduct
Needs
Assessment

Develop CBPR
Educational
Interventions



Test CBPR
Educational
Interventions

Testing
Evidence
Based
Interventions

Community Networks Program (CNP-II)



Further increase knowledge of, access to, and utilization of beneficial biomedical and behavioral procedures for cancer and address *co-morbidities* across the *health care continuum* in racial/ethnic minorities and other underserved populations.

- ▣ *Co-morbidities* may include HIV-AIDS related malignancies, heart disease, diabetes, stroke, depression, mucositis, neuropathies, pain management, stress, trauma, and changes in cognition and dementia
- ▣ *Health Care continuum* includes prevention, early detection, diagnosis, treatment, and survivorship



CNP -II



Administrative Core

Organizational
Infrastructure
Partnerships
Resources

Community Outreach Core

Needs Assessment
Health Promotion/
Educational Activities
Community-level
Resources
Dissemination

Research Core

Controlled Educational
Intervention Study

Pilot Research Studies
(Education for
Biospecimen/biobanking or
clinical trial recruitment)
Dissemination

Training Core

CBPR Training
Mentoring
Grantsmanship
CBPR Curriculum

CNP-II Metrics of Success



1. Administrative Core

- Appropriateness of the network infrastructure and level of community involvement.
- Ability to recruit and retain key community members, clinicians, and other partners.
- Ability to obtain additional funds (profit and non-profit organizations, local, state, and federal) and services to accomplish the aims of the project.

2. Community Outreach Core

- Ability to provide community-level resources to community partners.
- Ability to facilitate the dissemination of information gained and approaches used implementing CBPR in addressing cancer health disparities and other co-morbid conditions.

3. Research Core

- Ability to provide evidence-based data to assess a controlled intervention study.
- Ability to implement one pilot clinical research study using a new or early stage investigator.

4. Training Infrastructure Core

- Appropriateness of research training program in the development of new and early stage investigators.
- Submission of hypothesis driven small grant application (R03) resulting from collaborations between new and early stage investigator and their community partners.

CNP-II Mechanism and Budget Request



- U54 cooperative agreement
 - Trans-NCI Advisory Board
 - NCI Office of HIV/ AIDS Malignancy
 - NIH Office of AIDS Research
 - NIH Office of Behavioral and Social Science Research

- Open competition

- Total cost: \$20.7 million/yr
 - \$19.5 million/yr (CNP base)

- Two types of awards
 - National (up to \$1.2M)
 - Regional (up to \$850K)