



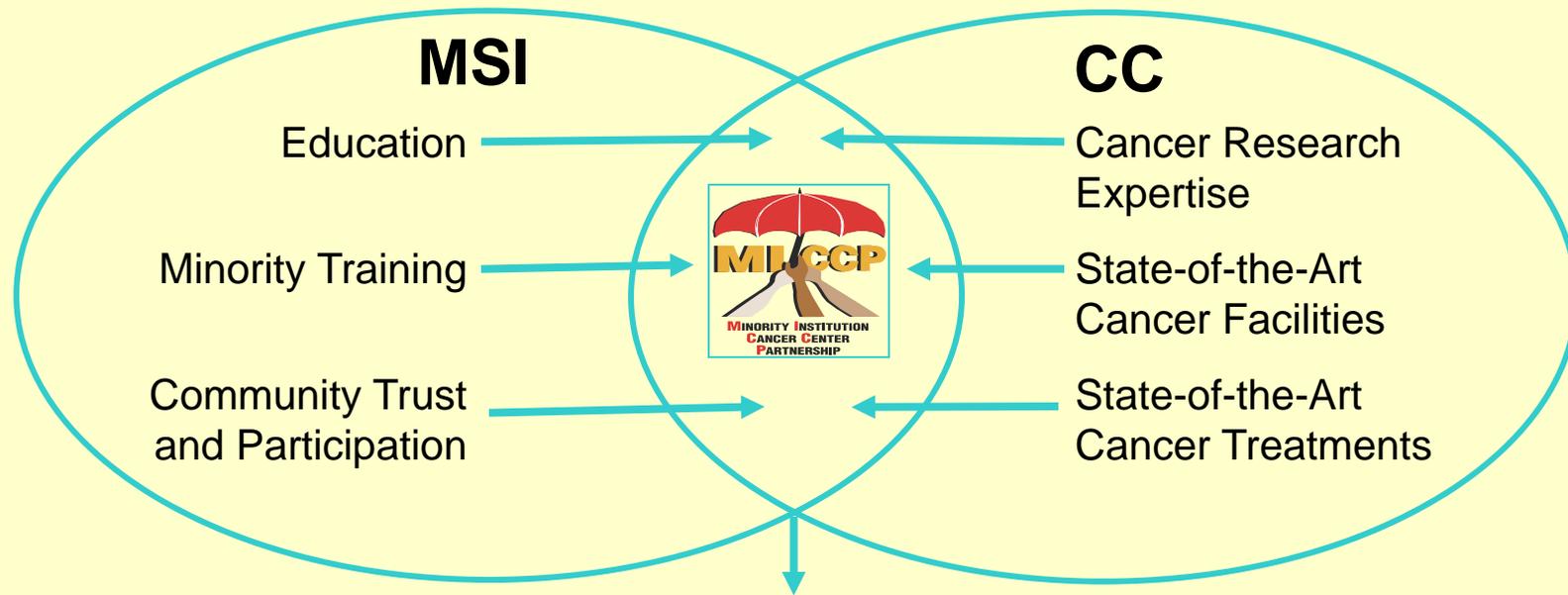
Center to Reduce Cancer Health Disparities
National Cancer Institute

Presentation to the NCI Board of Scientific Advisors

June 23, 2008



MI/CCP Synergistic 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

Overcoming Cancer Health Disparities



Minority Institution/ Cancer Center Partnership Program Structure

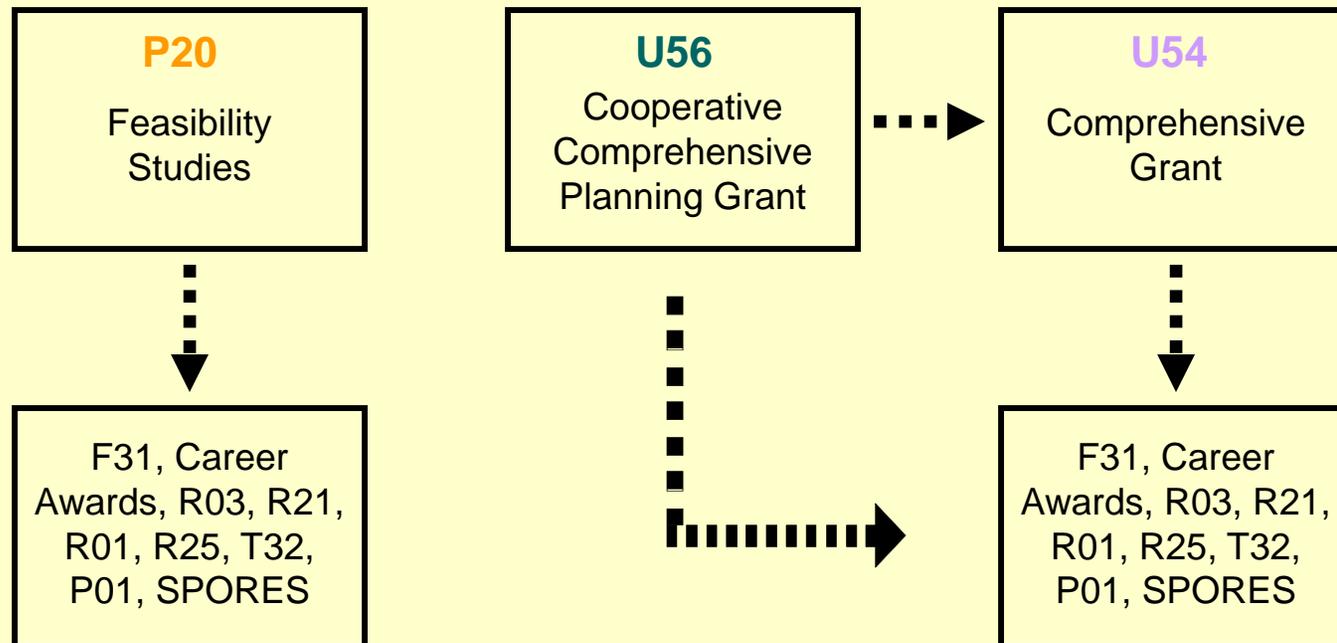
MI/CCP Program Structure

**MINORITY
SERVING
INSTITUTION**



**CANCER
CENTER**

RESEARCH, TRAINING, OUTREACH, EDUCATION





MI/CCP Partnerships

Intervening to Overcome Cancer Health Disparities

Main Issues

MSI

- Investigator Turnover
- Teaching Focus
- Limited Resources

CC

- Poor Outreach
- Limited CHD Programs
- Limited Diversity Among Trainees
- Limited Clinical Trials Accrual Among Diverse Populations

Strategies for Action

- Protected Time
- Adjunct Appointment
- CC Membership
- Competitive Research Projects
- Stringent Peer Review
- Easy Access to Shared Resources
- Time, Time, Time

Measuring Impact

- Pilots
- Full Projects
- Publications/Presentations
- Funded Grants

- Trainees
- Curriculum
- Faculty Appointments

- Community Education
- Hypothesis-Driven Interventions

Research

Training and Education

Outreach

System Changes

- MSI Research culture
- CC CHD Programs

- Critical Mass
- Diverse Scientists in MSIs/CCs

- Expanded Community Trust in CC Catchment Areas

Reduced Cancer Health Disparities



MI/CCP - Year in Review

- Funding of 40 Pilot and Full Projects in:
 - Breast Cancer = 9
 - Prostate Cancer = 8
 - Lung Cancer = 6
 - Colorectal Cancer = 6
 - Gynecologic Cancer = 6
 - Head and Neck Cancer = 5
- AACR-MICR MI/CCP Scientific Forum – 2008
- MI/CCP Funded Investigators Workshop
- Seven Grants Funded
- Site Visits to AZCC/NAU and UPRCC
- Twenty-three Peer Review Manuscripts
- Scientific Meetings: AACR, APHA, Experimental Biology





MI/CCP Accomplishments in Target Areas

- **Research**

- **Training**

- **Outreach**

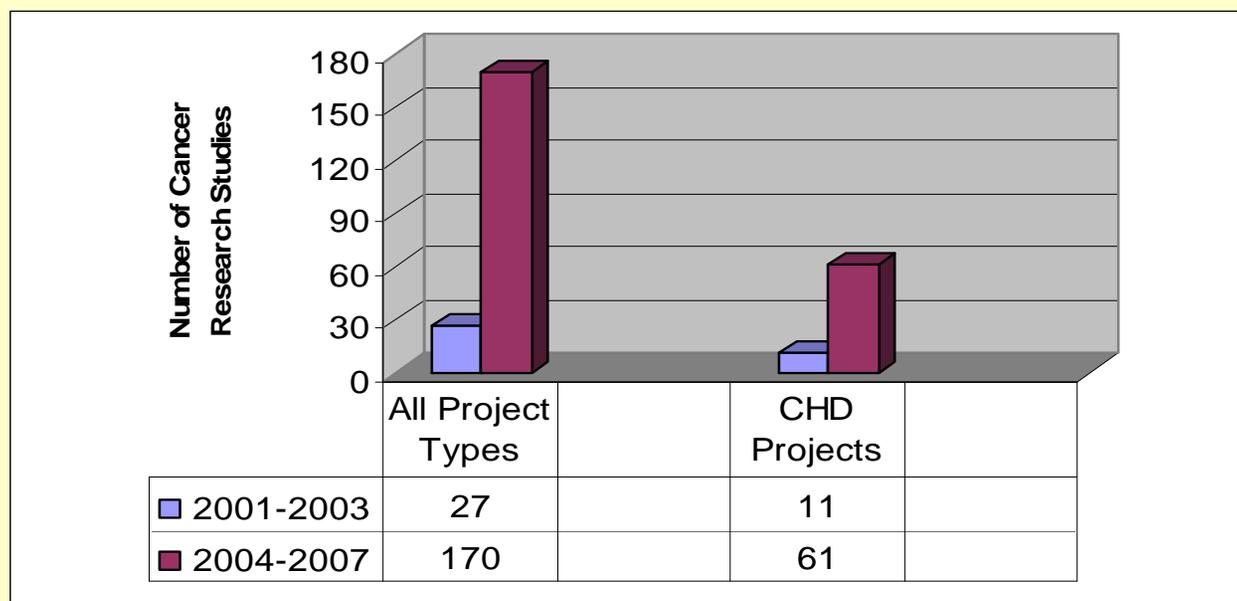
- **Education**

Required Components



Research

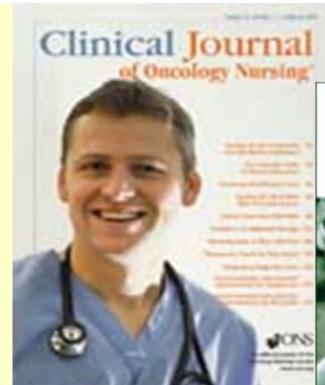
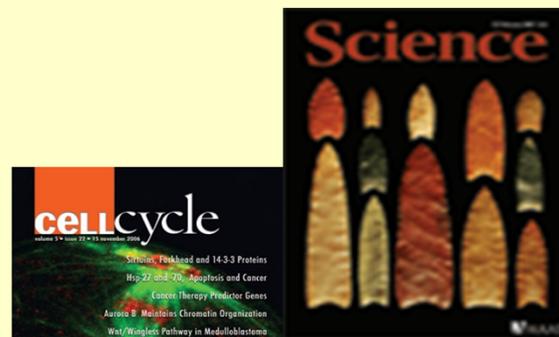
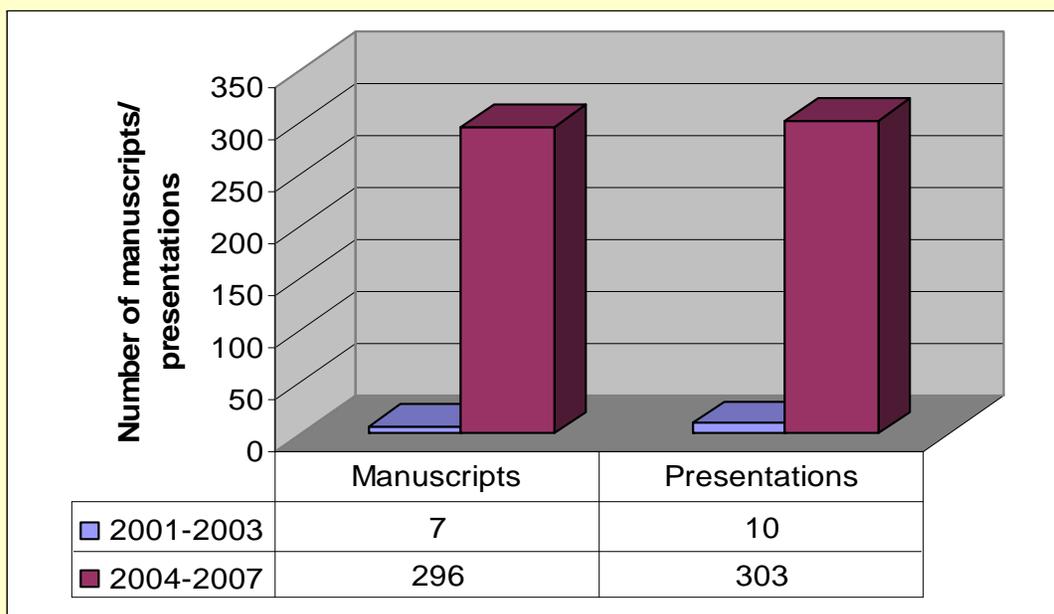
Project Types	Cancer Types						Total
	Breast	Prostate	Head & Neck	Lung	CRC	Gynecologic	
Pilot	31	23	19	16	19	15	123
Full	15	10	3	5	6	5	47
Total	46	33	22	21	25	20	170





Research

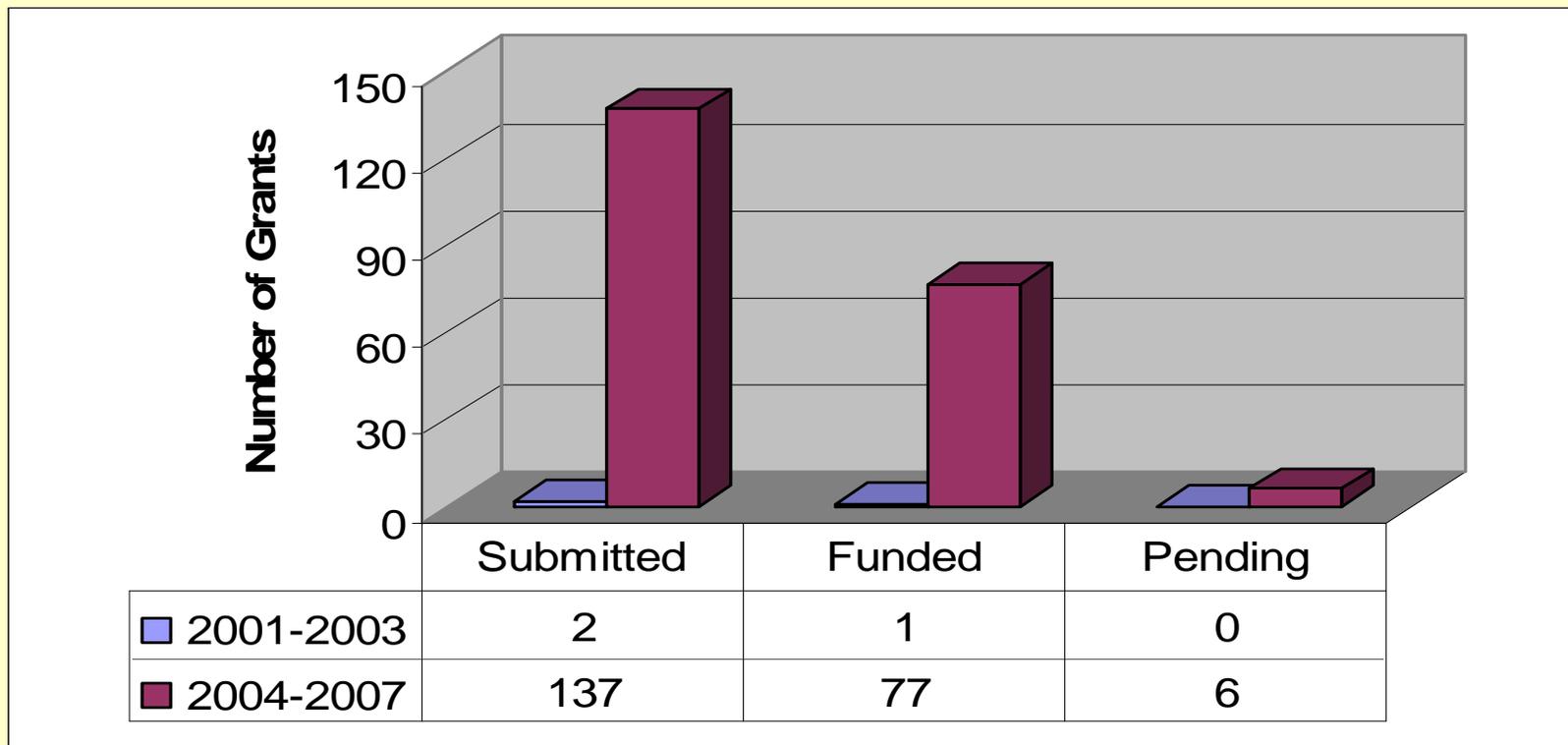
Manuscripts and Presentations





Research

Submitted and Funded Grants (2001-2007)



Success rate of 56%



Training and Education



34 Post-Docs



21 Med Students
25 Med Fellows



178 Master Students
157 Pre-Docs



**881 Trainees
(2001-2007)**



72 Junior Faculty



35 Post-Bac
338 Undergrad



21 High School Students



Educational Outreach

FACULTY

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UNIVERSITY OF GUAM
Cancer Research Center
Advancing A Research Agenda for Disease Prevention & Control in Guam

Cancer Research Center of Hawaii
 UNIVERSITY OF HAWAII



The Partnership News
 "Partners in Building Cancer-Free Communities"

Volume 3, Issue 2 Fall 2003

NACRP Annual Retreat Rejuvenates Project
 By Angela Joseph, Jr.

The Native American Cancer Research Partnership (NACRP) Annual Retreat (September 2002-2003) focused on research, outreach, and education. The retreat was held at the University of Arizona Cancer Center in Tucson, Arizona. The retreat was a great success and provided an opportunity for researchers, educators, and students to meet and share their research and educational goals.

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Community Advisory Committee Meets for First Time in Scottsdale
 By Angela Joseph, Jr.

The Community Advisory Committee (CAC) met for its first meeting on October 15, 2003, in Scottsdale, Arizona. The meeting was held at the Scottsdale Community Center and was attended by members of the CAC, including Dr. Michael S. Elliot, Dr. Cheryl Lynn Albright, and Dr. Robert W. Taylor. The meeting was a great success and provided an opportunity for researchers, educators, and students to meet and share their research and educational goals.





Outreach

- **AZCC and NAU developed a cancer control and prevention program for breast and colorectal cancer in Native Americans. (Clin. J. Oncol. Nursing, 9 (6): 689-92, 2005)**
- **MMC/VICC partnering with TSU, are establishing a control and prevention outreach program among local AA and Hispanic communities. The goal is to develop CBPR.**
- **NMSU – Las Cruces and FHCRC developed a pilot study to examine Mexican Americans living in underserved communities (*colonias*) on their knowledge, attitudes and beliefs about colorectal cancer screening. (Ethnicity & Disease 16: 421-427, 2006)**



NCI/NIH Investment in the U54 MI/CCP Program

Fiscal Year	MSI (million \$)	CC (million \$)	Total (million \$)
2001	1.6	0.5	
2002	2.8	1.9	
2003	5.5	3.0	
2004	4.9	3.1	
2005	6.6	4.5	
2006	6.8	5.6	
2007	8.4	5.7	
NCI Investment	36.6	24.3	60.9
NCMHD Investment (Co-funding)			12.5
Total NIH Investment			73.4
Estimated Leveraging			250.0



Anticipated U54 Applications for FY09

FY 2008

9 Partnership Applications Received
3 Partnerships to be Awarded

FY 2009

9 Partnership Applications
2 Partnerships to be Awarded

U54 Type 2 Renewals

Long Island University Columbia University Herbert Irving CCC
UT, M.D. Anderson Cancer Center UPR Cancer Center, San Juan
Arizona Cancer Center Northern Arizona University

U56 (Planning grants) Eligible to Apply for U54

Cancer Research Ctr. of Hawaii University of Guam
Univ. of Maryland Baltimore Univ. of Maryland Eastern Shore
Dana-Farber/ Harvard CC Univ. of Massachusetts – Boston

U56 (Planning Grants) Eligible to Apply for U54

Georgetown University – Lombardi CCC University of the District of Columbia
Charles Drew University of Medicine UCLA/ Jonsson CCC
North Carolina Central University Lineberger Comprehensive Cancer Center Duke University CCC
Memorial Sloan-Kettering CC City College of New York
UCSF Helen Diller Family CCC San Francisco State University
Rebecca & John Moores UCSD CC San Diego State University

6 Applications from 2008



FY09 Funding Request

	FY09	FY10	FY11
Funding Request	\$5 M	\$2.5 M	\$2.5 M
Anticipated Partnerships	2	1	1