

## BEHAVIORAL RESEARCH

### CANCER CONTROL AND POPULATION SCIENCES

**The presentation will begin shortly**



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# Decision-Making Steering Committee Speaker Series

Jeannine M. Brant, PhD, APRN,  
AOCN

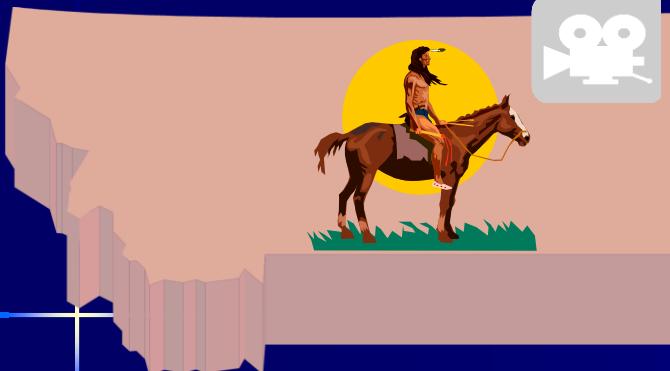
July 30, 2014



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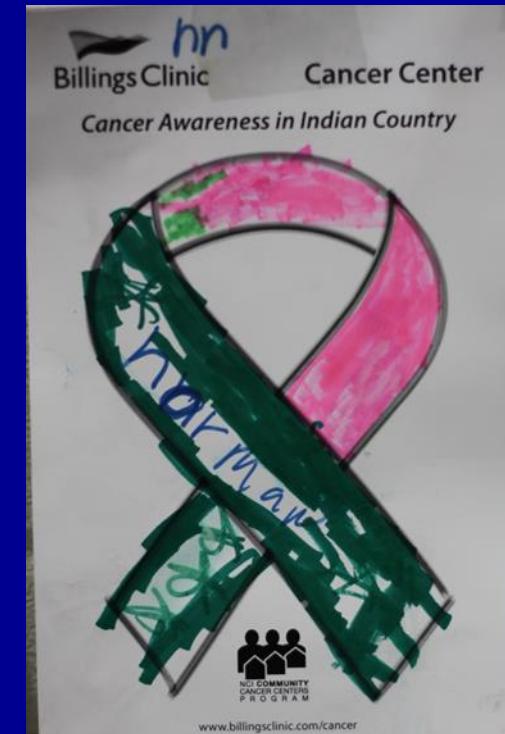
National Institutes of Health





# **Standing Strong Against the Cancer Enemy: Cancer Control in Montana's American Indians**

**Jeannine M. Brant, PhD, APRN, AOCN**  
**Oncology CNS and Nurse Scientist**  
**Billings Clinic**

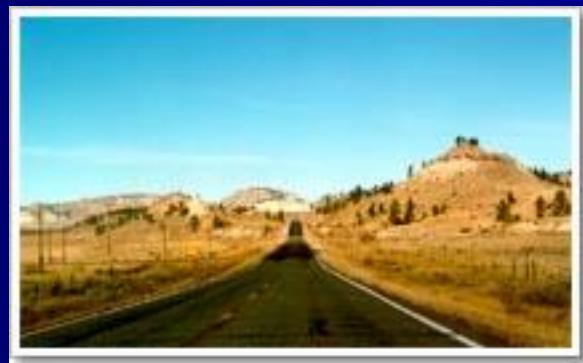
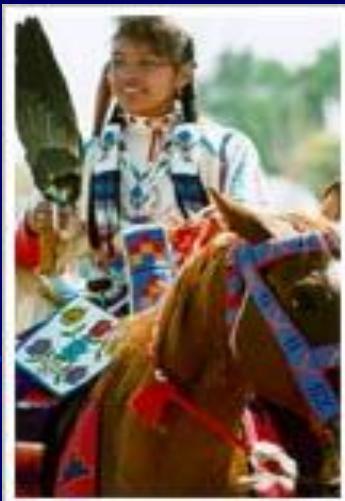


# Montana

- 4<sup>th</sup> largest state
- 47<sup>th</sup> in population

2010 census

- 989,415 people
- 62,555 American Indian
- 6.32% of the population



# Cancer In American Indians

- #1 Cause of Death
- Incidence
  - nonHispanic Whites 438.6
  - MT AIs 535.1
- Types of Cancer
  - Lung 20%
  - Breast 12.2%
  - Prostate 11.2%
  - CRC 11.2%



# Lifestyle/Personal Factors

- 54% of AI adults in MT smoke
- 41% adults are obese
- Childhood obesity increase from 5-20% in last 4 decades
  - Increase in Type II diabetes in children
- Approximately 30% live below the poverty level on some reservations

# Targeted Strategies: 25 years

- Developing a trust relationship
- Visibility!
- Relationships



# Women Reaching For Wellness Program

- Began in 1990
- Initial funding NCI
  - Accrue AI patients to clinical trials
- 5 mammograms per month being done
- Cannot say the word “cancer”
- Fatalism prevalent
- Subsequent funding AVON and Susan Komen
  - Education
  - Cup art
  - Generations of wellness
  - Party format for educational venues



## "Cup Art" is sponsored by:

The Women Healing for Wellness Program  
UIC, Vincent Healthcare  
through funding provided by  
The Avon Foundation Breast Care Fund

AVON  
AVON FOUNDATION

CARING FOR

# **WRWP Screening Program – MT Breast & Cervical Health Program**

- Funding through CDC
- Responsible to screen AI women living on all 7 AI reservations
- Incentives offered for screening
- Screening rates increased dramatically throughout the program
- Mammography van
- Awards
  - MHA President's Award
  - ONS Public Education Award

# **WRWP Screening Program – Komen Grant and NCCCP**

- Funding through Komen Grant
- Responsible to screen AI women, both urban and on the reservations in eastern Montana
- Gifts and food offered at screening

# Standing Strong Against the Cancer Enemy

- Film produced to talk about cancer
- Funded by Glaxo Pharmaceuticals
- Over 200 AIs tried out
- Hired > 20 actors from 12 tribes
- > 400 copies distributed
- Awards:
  - Spirit Award for Communication
  - MHA Innovative Health Care Award
  - International Health and Medical Film Finalist



# **Additional Studies**

- Chronic Pain study
  - Translation of the BPI to AI
  - Patients seen Time 1 in Crow Agency
  - Times 2 and 3 via telehealth
  - N=10 patients with chronic pain (Zulkowski & Brant, 2002)
- Patient interviews
  - N=10 NA patients with cancer pain
  - Patients living on the Crow and Northern Cheyenne reservations

# NCCCP Activity

- AI Patient Advocates for 2 reservations
  - Crow
  - Northern Cheyenne
- Education programs
- Health fairs
- Cancer 101 (CNP program from Mayo)
- Screening events in multiple cities throughout region





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# Colorectal Cancer Screening

- Launched on Northern Cheyenne reservation for men, by men facilitators
- 250 kits distributed
- 70% returned
- 5 positive results – all scheduled for colonoscopy – 2+ cancers early stage
- Program adopted by other reservations

# Native American Themes

- Prayer
- Use of traditional medicine
  - Medicine man, sweats, ceremonies
- Cancer – turning the unspeakable into a speakable enemy
- Stoicism prevalent
- Fear of addiction – patients, families, providers



# Challenges for Research

- TRUST – must be earned
- IRB and tribal leadership approval prior to submission
- Meeting with hospital medical staff
- Translation of consents and information forms to easy readability
- Validation with Crow patients
- Site facilitator critical to success
- Recruitment
- Use of tribal traditions – gifting, gender specific sensitivities
- Retention



# Future Directions

- NCORP – MT Cancer Consortium
  - CCDR Component will include AI research
- PCORI
  - Desire to conduct cancer prevention research
  - CBPR
- Palliative Care Navigation

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# Thank You

Questions/Comments, contact:

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