

BEHAVIORAL RESEARCH

CANCER CONTROL AND POPULATION SCIENCES

The presentation will begin shortly

* This presentation is being recorded. You may disconnect at any time if you do not wish to be recorded.



National Institutes of Health



BEHAVIORAL RESEARCH

CANCER CONTROL AND POPULATION SCIENCES

Decision-Making Steering Committee Speaker Series

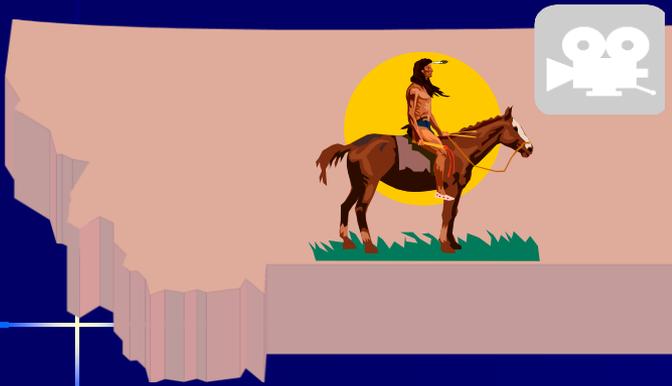
Jeannine M. Brant, PhD, APRN,
AOCN

July 30, 2014



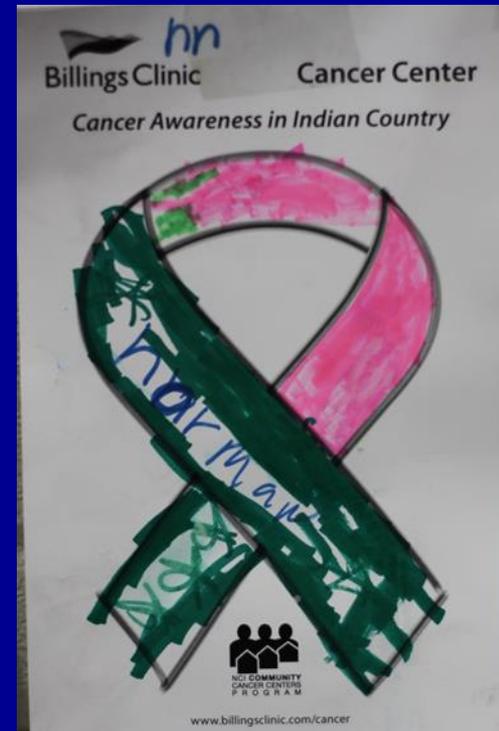
National Institutes of Health





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

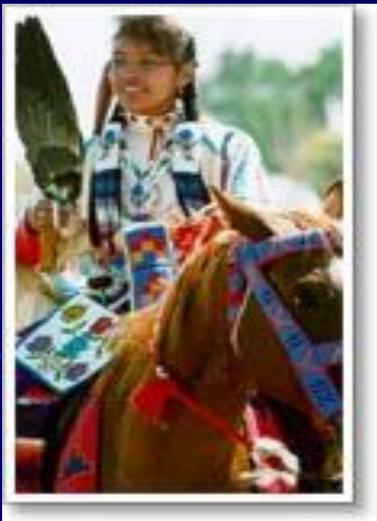


Montana

- 4th largest state
- 47th 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's Medicine for Wellness Program
at St. Vincent Healthcare
through funding provided by
The Avon Foundation Breast Care Fund.



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



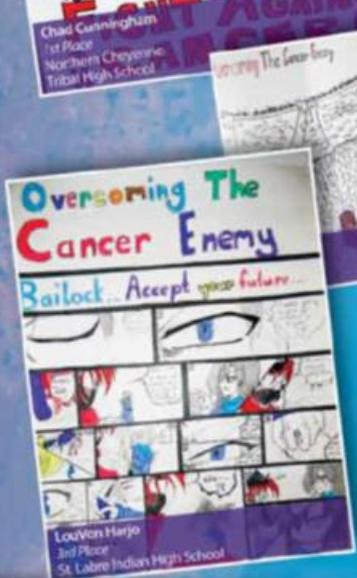
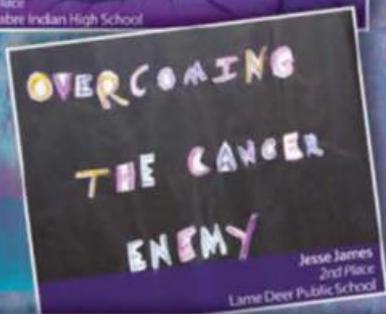
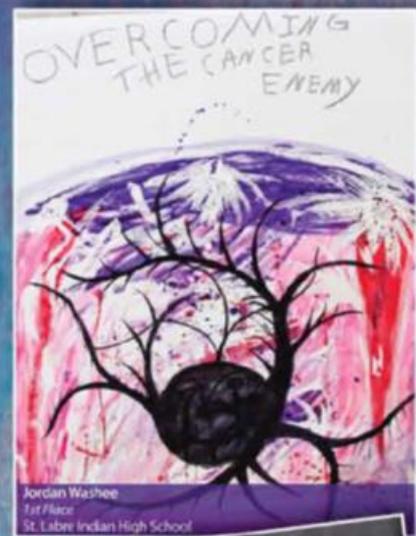
Additional Studies

- 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





HOHTSEESE'HE
JANUARY

S	M	T	W	T	F	S
	1	2	3	4	5	
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

MA'XEHOHTSEESE'HE
FEBRUARY

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28		

PONOMA'EHASENESE'HE
MARCH

S	M	T	W	T	F	S
						1 2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

VEHPOTSEESE'HE
APRIL

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

MATSE'OMESE'HE
MAY

S	M	T	W	T	F	S
					1	2 3 4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

ENANO'EESE'HE
JUNE

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

MEANESE'HE
JULY

S	M	T	W	T	F	S
1	2	3	4	5	6	
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

OENENESE'HE
AUGUST

S	M	T	W	T	F	S
					1	2 3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

TONOEVESE'HE
SEPTEMBER

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

SE'ENEHE
OCTOBER

S	M	T	W	T	F	S
					1	2 3 4 5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

HE'KONENESE'HE
NOVEMBER

S	M	T	W	T	F	S
						1 2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

MA'XE'HE'KONENESE'HE
DECEMBER

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

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

References

- White, N., Brant, J.M. (2012). The American Indian Nurse Navigator Role in Colorectal Cancer Screening. Oncology Nursing Society, Poster Session, Phoenix, AZ.
- Harris, R., White, N., Brant, J.M. (2012). Cancer Awareness in Northern Cheyenne Country: American Indian Women's Wellness. Poster Session, CDC Conference, Atlanta, GA.
- Haozous, E.A., Knobf, M.T., Brant, J.M. (2011). Understanding the cancer experience in American Indians of the northern plains. *Psychooncology*, 29(4), 404-410.
- Brant, J., Fallsdown, D., & Iverson M. (1999). The evolution of a breast health program for Plains Indian women. *Oncology Nursing Forum*, 26(4), 731-739.
- Brant, J. (1996). Breast cancer challenges in American Indian women. In K. Hassey Dow (Ed.) *Contemporary Issues in Breast Cancer*. Boston: Jones and Bartlett.

BEHAVIORAL RESEARCH

CANCER CONTROL AND POPULATION SCIENCES

Thank You

Questions/Comments, contact:

NCI.BRPwebinars@icfi.com

301-407-6608



National Institutes of Health

