"Walking Forward American Indian Survivorship Physical Activity Pilot Program" (PI: Petereit; 5 U54 MD008164)

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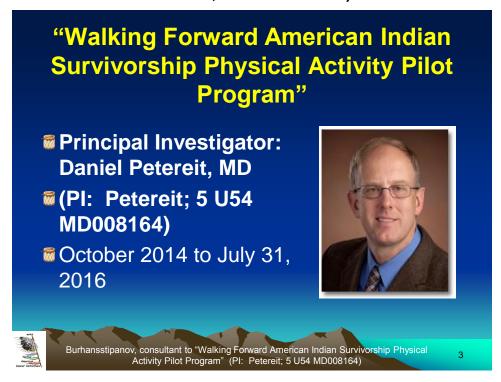
http://www.NatAmCancerInitiatives.org http://www.NatAmCancer.org

Session Objectives: The learner will be able to:

Identify 3 features of the culturally appropriate app designed for the American Indian Survivorship Physical Activity Pilot Program.



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Rationale

- Cancer survivors are at increased risk for developing second cancers and other chronic diseases or morbidities.
- Physical activity can reduce the risk for recurrence and for 2nd cancer diagnoses
- Approximately 25% reporting decreased physical quality of life (QOL) and 10% decreased psychological QOL following cancer diagnosis and treatment.



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Research Question

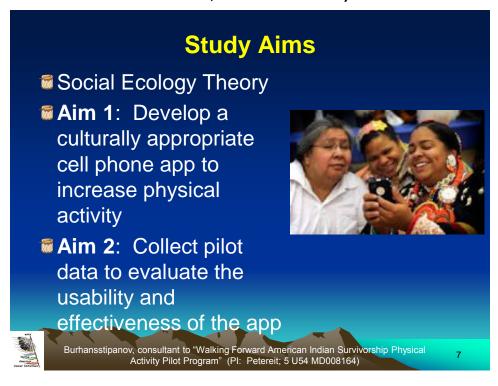
□ Can a culturally appropriate cell phone application (app) increase daily physical activity in American Indian (AI) cancer survivors living in the Northern Plains?

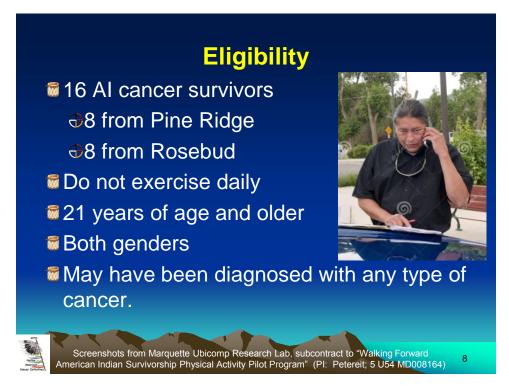




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Eligibility Within 3 years of initial, recurrent or 2nd cancer diagnosis Self-report being able to exercise daily May have co-morbidities such as diabetes and hypertension Must be able to understand, read and speak English



Pilot Study Populations

- 8 survivors from Pine Ridge; 8 survivors from Rosebud
- Community Advisory Committees (3 longterm Al survivors from each site)
- Usability Test Groups 4 additional longterm AI cancer survivors from each site)



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Pilot Study Components

- Walking/Stretch-band Physical Activity Program
- Cell phone app
 - **Pedometer**

 - **GeJournal**
 - Symptom Distress Scale (baseline and bi-weekly for 12 week app intervention)



Screenshots from Marquette Ubicomp Research Lab, subcontract to "Walking Forward American Indian Survivorship Physical Activity Pilot Program" (PI: Petereit; 5 U54 MD008164)



Visits / calls interactions (iPad for CRRs)

- Initial visit (purpose, confirm eligibility, informed consent, SDS)
- Bi-weekly (weeks 2, 4, 6, 8, 10)
 - →Review last 2 weeks ("how app working" Influence your activity?" Stretch band … likes / dislikes



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Intervention: Messages

- Cell phone application for smart phone
 - Video messages
 - Text messages



You don't have to be great to start, but you have to start to be great.

 Examples of video vignettes are on http://www.NatAmCancerInitiatives.org

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