

Culturally Grounded Early Substance Use Prevention for American Indian Families



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Specific Aims

- Develop a culturally grounded, family-based early substance use prevention intervention tailored to a Northern Plains American Indian reservation.
 - (A) Use an evidence-based program approach to implement a proven program (Iowa Strengthening Families Program for Parents and Youth 10-14).
 - (B) Ground evidence-based program within American Indian culture, using local cultural teachings as the context for delivery of the intervention.
- Pilot the adapted program – Thiwáhe Gluwáš'akapi (TG) – to determine feasibility, refine details, and maximize fit within the community.
- Test the adapted program, using the principles of the Multiphase Optimization Strategy for intervention evaluation and development to determine the relative effect sizes of intervention components and inform a final TG program that balances effectiveness and efficiency.
- Set the stage for a randomized controlled trial of the full intervention and, eventually, the broad, sustainable implementation of TG by the tribal health administration.



Abinwáhe Gluwásh'akapi

Accomplishments/Challenges

- Program Adaptations
- Logistics
- Recruitment & Retention Efforts
- Data Collection



Thiwáhe Gluwaš'akapi Study Design, using MOST

Thiwáhe Gluwaš'akapi Study Design, using MOST.			
Version	Lakħota Wótakuye		
	Lakota Language Enhancement	Facebook group and postings between TG sessions	Replacement of substance use content with attention control
A	Lakota Kinship	no Social Media	Standard Session 6 <i>Substance Use Resistance Skills</i>
B	Lakota Kinship	Social Media	Attention Control Session 6 <i>Healthy Eating & Exercise</i>
C	Lakħota Wótakuye	no Social Media	Attention Control Session 6 <i>Healthy Eating & Exercise</i>
D	Lakħota Wótakuye	Social Media	Standard Session 6 <i>Substance Use Resistance Skills</i>

TG Team



Enrollment

iwāhe Gluwāš'ak

		initial interest	confirmed		enrolled		withdrawn	
			N	%	N	%	N	%
Total	Adults	297	245	82.5%	190	77.6%	4	2.1%
	Youth	298	229	76.8%	169	73.8%	6	3.6%



Categories of number of sessions attended by cohort

COHORT	P-type	Number (%) of sessions categories				
		0	1-3	4-6	7	Total
	Adult	3 (14.3)	7 (33.3)	10 (47.6)	1 (4.8)	21 (100)
	Youth	2 (13.3)	5 (33.3)	7 (46.7)	1 (6.7)	15 (100)
2	Adult	9 (30)	10 (33.3)	9 (30)	2 (6.7)	30 (100)
2	Youth	9 (33.3)	7 (25.9)	9 (33.3)	2 (7.4)	27 (100)
	Adult	10 (31.3)	6 (18.8)	12 (37.5)	4 (12.5)	32 (100)
	Youth	8 (26.7)	6 (20)	14 (46.7)	2 (6.7)	30 (100)
4	Adult	25 (42.4)	16 (27.1)	14 (23.7)	4 (6.8)	59 (100)
4	Youth	19 (40.4)	11 (23.4)	14 (29.8)	3 (6.4)	47 (100)
	Adult	9 (20)	13 (28.9)	16 (35.6)	7 (15.6)	45 (100)
	Youth	6 (13)	8 (17.4)	21 (45.7)	11 (23.9)	46 (100)
6	Adult					
6	Youth					
total	Adult	56 (29.9)	52 (27.8)	61 (32.6)	18 (9.6)	187 (100)
total	Youth	44 (26.7)	37 (22.4)	65 (39.4)	19 (11.5)	165 (100)

Data Collection

iwahē Gluwāš'ak

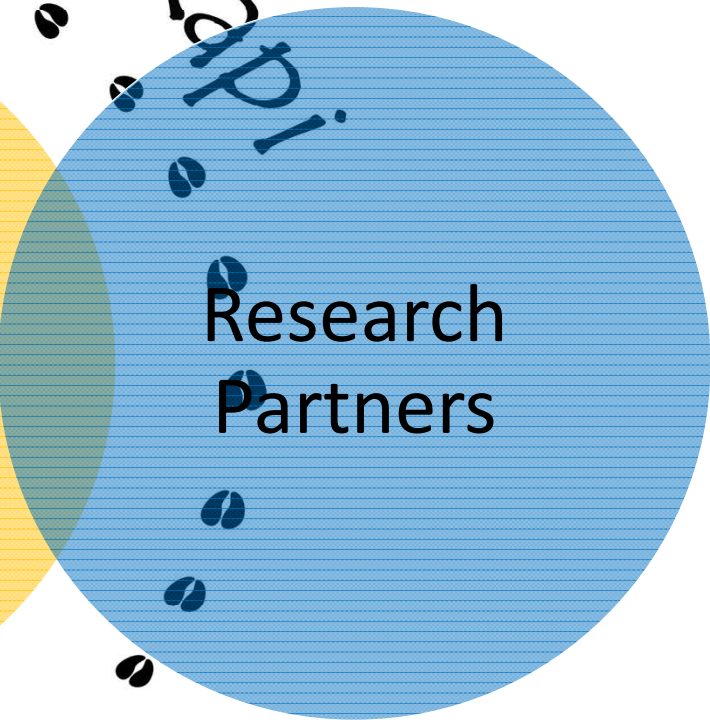
	Number Participating		T0		T1				T2			
	Adults	Youth	Adults	Youth	Adults		Youth		Adults		Youth	
Total	193	172	180	162	86.6%	116	85.5%	110	88.1%	52	89.3%	50

** not all participants were eligible for survey*



Future Directions

Thiwāhe Gluwāš'akēpi



Thank You

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