A Community-Engaged Approach to Tribal Pedestrian Safety Advocacy and Action

8.27.25



Samantha Morigeau, PT, DPT

Physical Therapist, Confederated Salish and Kootenai Tribes Tribal Health

Maja Pedersen, PhD

Assistant Professor, University of Montana School of Public and Community Health Sciences

Our CBPR Team & Research Program

Academic & Community Research

Team

CSKT Tribal Health / Community

Samantha Morigeau

Chelsea Kleinmeyer

Niki Graham

Jason Krumbeck

Paul Phillips

Amber Landowski

Jessica Knoll

Lisa Caldbeck

Lynn Hendrickson

Frank Oldhorn

Halle Adams

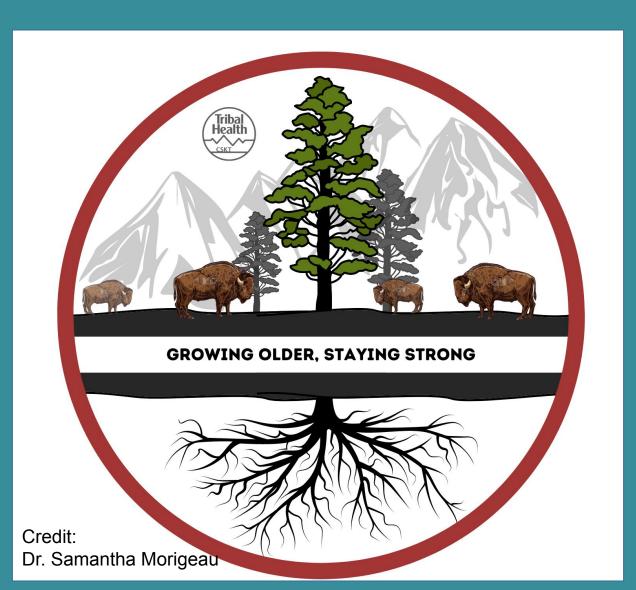
University of Montana SPCHS

Maja Pedersen

Taylor Stewart

Ali Manuel

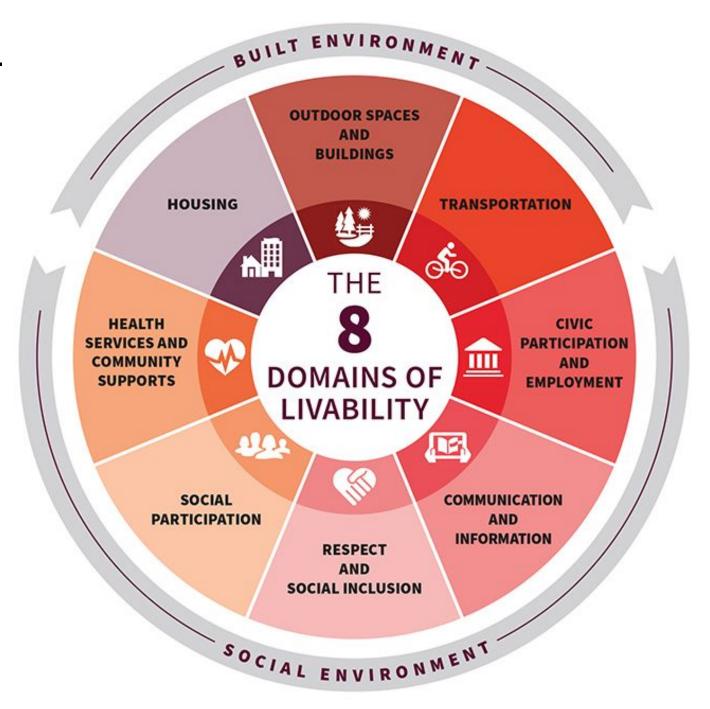
Eve Christiansen



CSKT Community Advisory Panel

Gene Sorrell Willie Matt Wright Louis Caye JR **Ruth Swaney** Maggie Goode Barb Fink **Gary Woodcock** Selina Kenmille Carrie Irvine Roberta Steele Clark Matt **Cheryl Vanderburg** Dana Hewankorn **Barb Barnes**

AARP 8 Domains
of Livability
for people of all
ages



Neighborhood & Built Environment

Physically and psychologically safe transportation options that reduce emissions and provide access to clean air, nutritious food, and greenspace.



Healthcare

Reliable, efficient and convenient access to preventative health services, medical treatment, and emergency care.

Economic Stability

Affordable and reliable transportation options to access employment and build wealth.



Behavioral Health
opportunities for
physical activity,
social interaction,
nutritious food,
healthcare

Behavioral Health
activity,
social interaction,
Health &
Wellness

Environmental Health safety from crashes, noise, crime, disproportionate enforcement, pollution, climate change

Social Inclusion

access to places,

people and power

Education

Convenient access to learning and training opportunities, from early childhood to older adult.

Intersections of Transportation & Health

Source: Center for Transportation Studies, University of Minnesota, 2022



Social & Community Context

Multimodal transportation that connects with community and relationships to support social, physical, and mental wellbeing.

Our Voice in Motion

Funding:

DHHS Administration for Community Living (90FPSG0066-01-00; PI: Pedersen, 2023-2027)

National Safety Council: 2024 Road to Zero Community Traffic Safety Grant (PI: Thomas, 2024-2025)

2024 National Council on Aging Falls Prevention Fellowship (PI: Morigeau, 2024-2025)



A pedestrian safety "Quick-Build" project

Join us for a day of painting, food, and community connection as we make our streets safer together

Change of

Duty with

Supervisor

Approval

Wednesday, 8/27 9 am to 5 pm

St. Ignatius, MT

9:00 AM – Welcome, opening prayer, project overview Elder's Park (behind Tribal Health)

9:15 AM – Crosswalk painting and path improvements

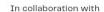
12:30 PM – Lunch and Community feedback
SQOC Longhouse

1:30 PM – Second art & traffic-calming installation
Blind Barnaby & Saxa Lane intersection

What to Expect

Hands-on roadway painting Honoring place and safety through Indigenous design Fun, food, and meaningful community connection All welcome, children must be accompanied by an adult

Ouestions? Contact:
Samantha Morigeau, 406-546-1023,
samantha.morigeau@cskthealth.org or















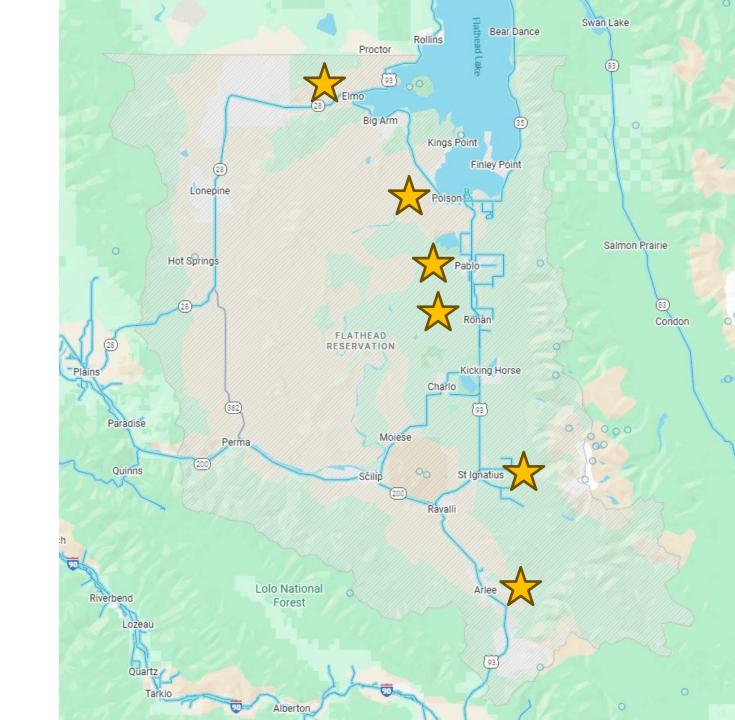


(King et al. 2020)



STEP 1: ENGAGE (Sept-Oct 2024)

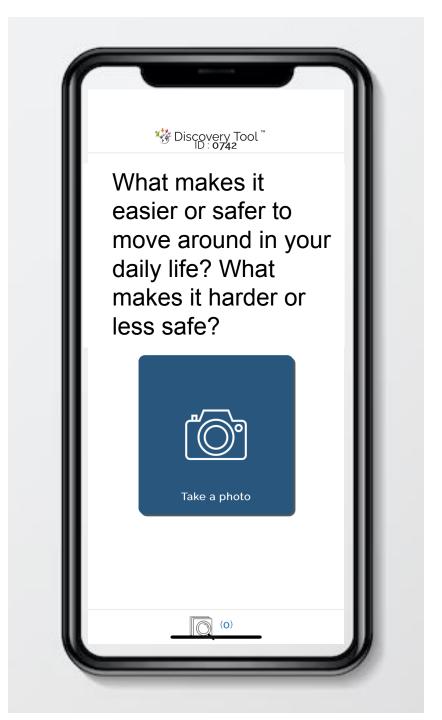
- Recruitment: Community Facilitators
- Sites: Six CSKT Tribal Health sites located along Highway 93
- Sample: Older adults enrolled in a fall prevention program





Stanford Discovery Tool Mobile App

- A simple app to document and map audiovisual, narrative aspects of lived experiences
- 2 Prompts



Prompt 2:

What makes it easier for you and older adults Elders to move around (walking, biking, in a wheelchair) from place to place in your community? What makes it harder?

Thematic Tags (could layer):

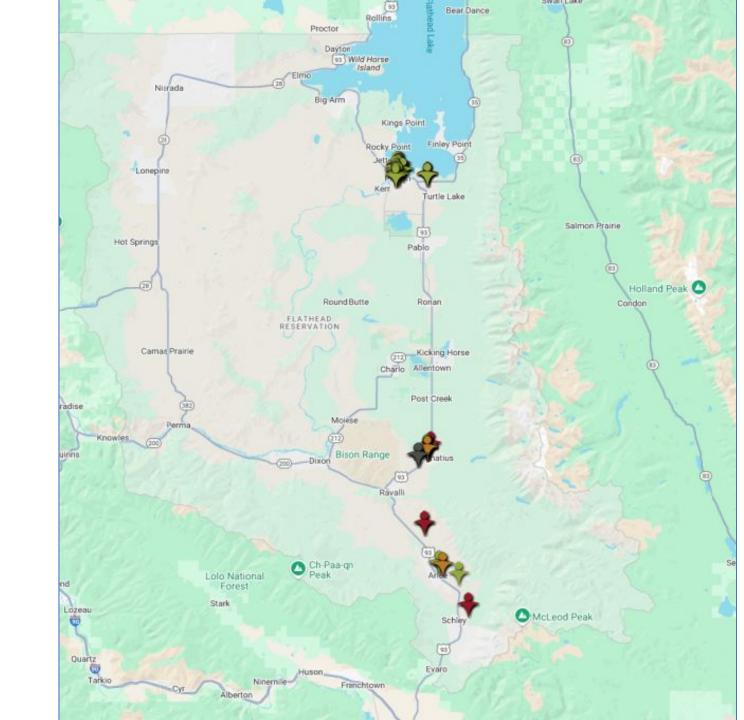
- Street Design
- Walkability
- **Community Connectedness**
- Fall Risk
- Weather



STEP 2 RESULTS

Oct-Dec 2024

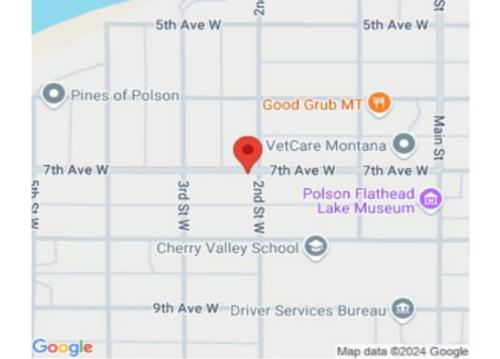
- Discovery Tool data:
 - 3 communities
 - 28 community walks
 - 64 photos
 - 65 narratives (18 audio, 47 text)
 - 70 tags (Walkability 50%; Fall risk 17%)



STEP 2: DISCOVER

"Need more safe crosswalks like this..."





TAG:



Walkability



"I am walking towards the walking path behind tribal fitness center and I will document that there are no street lights around it, which makes it very unsafe."

Location of photo



IAGS:

- Fall Risk
 Walkability
- Walkability
- · Street Design

[Site of Quick Build #1: St Ignatius Tribal Health -- Elder's Park Walking Path Access]

"This is a view from the parking lot behind tribal health. It is not safe for people that are handicapped because you have to walk downhill at a steep grade."

Location of photo







TAG:
• Fall risk





STEPS 3 & 4: DISCUSS & IMAGINE (Dec 2024-Feb 2025)

Method: Data Museums & Interpretive Focus Groups













STEPS 3 & 4: RESULTS

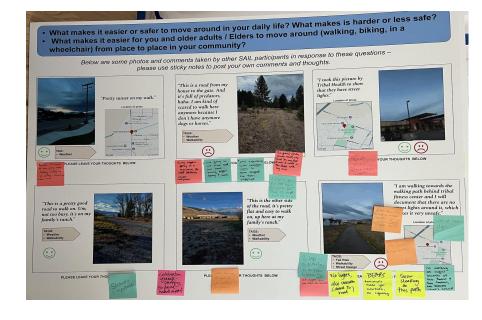
- Participant Focus Groups
 - o Dec 2024
 - N=39
 - 5 communities
 - Session length: 60-90 min / session
- Community Advisory Panel Review and Discussion
 - o Feb 2025
 - N=14
 - Session length: 75 minutes

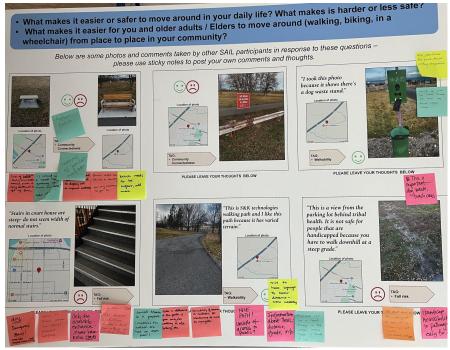
Participant characteristic, N=39	Summary statistic, N (%)
SAIL Classes Represented Arlee Elmo Mission Pablo Polson Ronan N/A (Not a SAIL participant)	13 (33.3%) 0 (0.0%) 8 (20.5%) 3 (7.7%) 9 (23.1%) 2 (5.1%) 4 (10.3%)
Age Average Range (Minimum, Maximum)	68 53 (29, 82)
Gender, N (%) Female Male	30 (77%) 9 (23%)
Ethnicity Hispanic or Latino Not Hispanic or Latino	0 (0%) 38 (100%)
Race American Indian or Alaska Native Asian Black or African American Native Hawaiian or Pacific Islander White	29 (74.4%) 0 (0.0%) 1 (2.6%) 0 (0.0%) 15 (38.5%)
Health Rating Poor Fair Good Very Good Excellent	0 (0.0%) 7 (17.9%) 20 (51.3%) 11 (28.2%) 1 (2.6%)



STEP 5: ACTIVATE

- May July 2026
- Community Forum
- Presentations to:
 - State Senator Jacinda Morigeau (SD 46)
 - Montana Dept. of Transportation
 - CSKT Roads Program
 - CSKT Tribal Council
 - Locations: Zoom, Phone, Salish Kootenai
 College, CSKT Tribal Council Chambers
- **PURPOSE:** Share findings, identify common priority areas, identify near-term projects and long-term goals



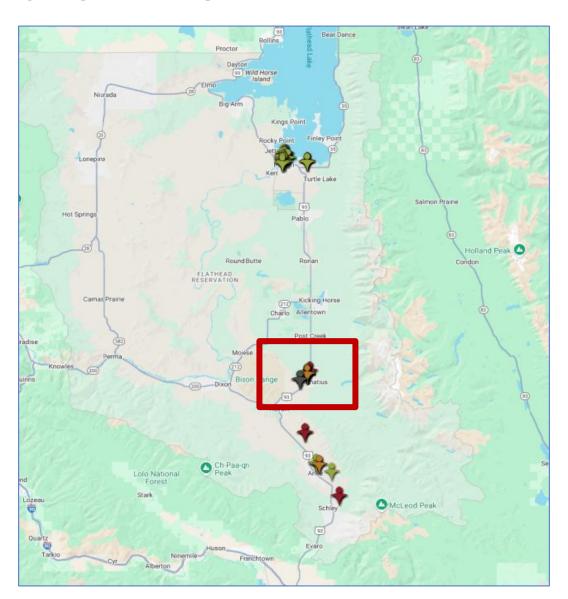




STEP 6: CHANGE

St. Ignatius Quick Build

- 8.27.25
- 2 Sites





STEP 6: CHANGE: St. Ignatius Quick Build



SITE 1:

Elder's Park Crosswalk & path resurfacing













SITE 2:

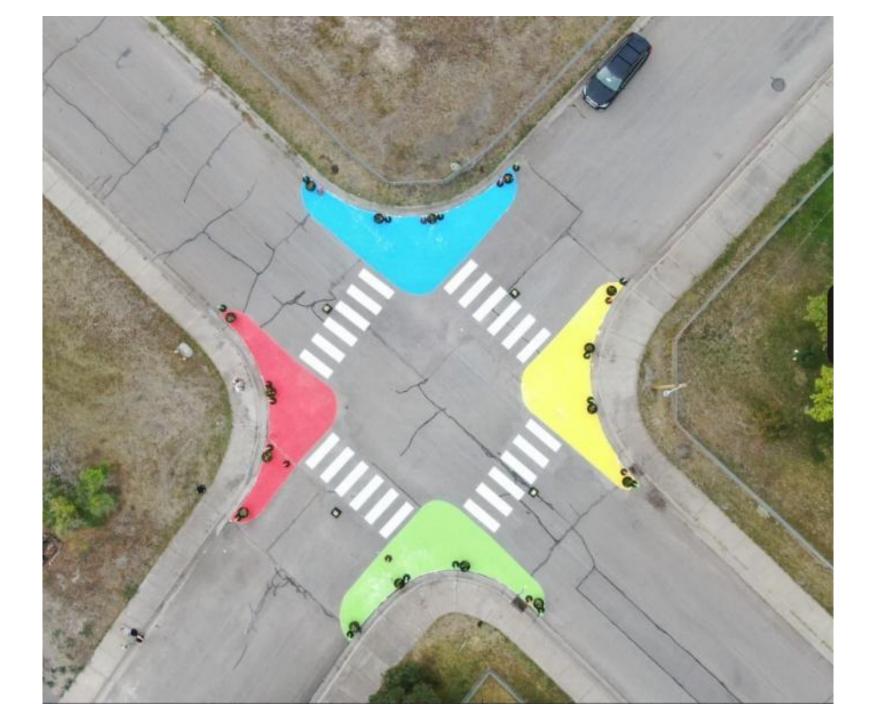
Saxa Ln & Blind Barnaby St













Lemlmtš | Hu sukiłqukni | Thank you

Samantha.morigeau@cskthealth.org

Maja.pedersen@mso.umt.edu

References

- Fan Y, Phua P. The Health and Transportation Nexus: A Conceptual Framework for Collaborative and Equitable Planning. May 2022. https://mdl.mndot.gov/_flysystem/fedora/2023-01/trs2201.pdf Accessed 1/6/2025
- Hansen AY, Hartley D. Promoting active living in rural communities. San Diego, CA: Active Living Research. 2015.
 https://activelivingresearch.org/sites/activelivingresearch.org/files/ALR Brief RuralCommunities Sept2015.pdf Accessed 2/12/2025
- King AC, King DK, Banchoff A, Solomonov S, Ben Natan O, Hua J, Gardiner P, Goldman Rosas L, Rodriguez Espinosa P, Winter SJ, et al. Employing Participatory Citizen Science Methods to Promote Age-Friendly Environments Worldwide. *International Journal of Environmental Research and Public Health*. 2020; 17(5):1541. https://doi.org/10.3390/ijerph17051541
- Omura JD, Carlson SA, Brown DR, et al. Built Environment Approaches to Increase Physical Activity: A Science Advisory From the American Heart Association. Circulation. 2020;142(11):e160-e166. doi:10.1161/CIR.0000000000000884
- Redman-MacLaren M, Mills J, Tommbe R. Interpretive focus groups: A participatory method for interpreting and extending secondary analysis of qualitative data. Global Health Action. 2014 Dec 1;7(1):25214. https://doi-org.stanford.idm.oclc.org/10.3402/gha.v7.25214
- Smarth Growth for America. Dangerous by design 2024. https://smartgrowthamerica.org/dangerous-by-design/ Accessed 3/5/2025
- Oetzel JG, Wallerstein N, Duran B, Sanchez-Youngman S, Nguyen T, Woo K, Wang J, Schulz A, Keawe 'aimoku Kaholokula J, Israel B, Alegria M. Impact of participatory health research: a test of the community-based Participatory Research Conceptual Model. BioMed research international. 2018;2018(1):7281405.