

National Meeting on Community Engaged Research Towards Precision Medicine with American Indian and Alaska Native People



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BACKGROUND: Precision medicine research (PMR) with American Indian and Alaska Native (AIAN) people requires thoughtful **community engagement to ethically inform research methods and align research aims** with community expectations.

METHODS: We held a **2-day meeting in Seattle, WA** with community members from project Tribal partners and representatives from other Tribal groups, the NIH, and research institutions.

Confederated Salish & Kootenai Tribes (MT)	Southcentral Foundation (AK)	Yukon-Kuskokwim Health Corporation (AK)
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RESULTS: We provided a platform to discuss principles and challenges in PMR with AIAN communities; and ways to **move from discussion to action**.



Early Community Consultation



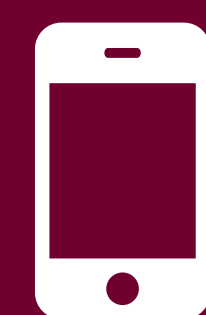
Effective Capacity Development

CONCLUSION: The event represented a **culmination of bidirectional learning opportunities** and provided a platform for stakeholders to share insights on future PMR within AIAN populations.

Community consultation and capacity development are key elements for partnering with American Indian and Alaska Native participants in precision medicine research.



Go to our website to learn more!



Topic	Considerations
Data & Biospecimen Stewardship	<ul style="list-style-type: none"> • Under Tribal control • Proposals for future research require review and approval • Individual and community consent is required • Appropriate sample handling varies among different Tribal communities and cultures
Return of Research Results	<ul style="list-style-type: none"> • Tribal consultation is required to inform appropriate methods for returning results and protecting confidentiality • Different results provide varying levels of benefit: clinical, personal, and/or scientific value • Participants deserve to benefit in return for their contributions
Tribal Health Priorities	<ul style="list-style-type: none"> • Research should benefit the community • Research should be directly linked to current Tribal health priorities • Research addressing disproportionate disease burden in AIAN people and/or the safety and efficacy of a medication in specific populations is of priority

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