

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

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