

Native BioData Consortium | Fact Sheet

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Mission

Native BioData Consortium (NativeBio) works to strengthen tribal sovereignty and the inherent rights of Indigenous peoples to the ownership, benefit, and self-governance of our own ancient, genetic, environmental, traditional, and social data.

Description

The Native BioData Consortium (NativeBio) is a non-profit Indigenous and independent data repository and research institute located on the Cheyenne River Sioux Reservation in Eagle Butte, South Dakota. We are home to the first Indigenous genomic biorepository in North America that is located in a sovereign Native American nation. NativeBio brings together Indigenous scholars, scientists, and experts in bioethics, data science, AI, policy, law, and education. Our consortium works together to improve and protect the health, welfare, and culture of Indigenous peoples. We conduct research, advance equitable policy, and advise tribal leaders. We mentor and educate Indigenous youth and young adults to prepare for data, science, and medical professions. Across the globe, we work to uphold the inherent rights of individuals and tribal sovereign nations to the ownership and benefit of our own ancient, genetic, environmental, and social data.

Governance

The Native BioData Consortium (NativeBio) is governed by a management team, a board of directors, and a tribal community advisory board with support of tribal regulation and jurisdiction. Each governing body is composed of individuals with a diverse range of skills and experience. We are committed to fostering a culture of cooperation that values tribal sovereignty and personal integrity, societal and generational responsibility, transparency and partnership, and continuous innovation and improvement.

Organization facts

- Native BioData Consortium is a 501(c)3 non-profit established in 2018 in Eagle Butte, S.D.
- Founders: Joseph Yracheta, Keolu Fox, Krystal Tsosie, Guthrie Ducheneaux
- Tribal biodata repository and research facility with CLIA certified lab
- Research partners: Stanford University, The Ohio University, Johns Hopkins University, Arizona State University, University of California at San Diego, Vanderbilt University among others
- Government research grants and awards: National Institute of Health (NIH), Rapid Acceleration of Diagnostics (RADx), National Science Foundation among others
- Foundation grants: MacArthur Foundation, Patrick J. McGovern Foundation, Chan Zuckerberg Initiative among others
- Provides global Indigenous genomic research, education, bioethics and policy development

Organization overview:

Native BioData Consortium short overview (5:38 m)

<https://youtu.be/9pXyGqtq3R4?si=Ug8ptD2F1-ly5SC5>

Native BioData Consortium and Indigenous data sovereignty (10:35 m)

<https://youtu.be/eebHD35huuU?si=BKKOLOOx6fQJYVDh>

For more information and resources:

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